NOVA BEDFORDIA CONDITA A.D. 1787
LUCEM DIFFUNDO
CIVITATIS REGIMINE DONATA A.D. 1847

CITY DOCUMENTS

Municipal Register 1932

Annual Reports, Etc.

FOR THE YEAR 1931

CITY OF NEW BEDFORD
MASSACHUSETTS

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FOR THE YEAR 1931

CITY OF NEW BEDFORD
MASSACHUSETTS

Municipal Register

JUNE 1, 1932

MAYOR

HON. CHARLES S. ASHLEY, 93 State Street

ALDERMEN

President—ERNEST E. LAVERTU

Ward One:—JOSEPH HARRISON..............208 Eugenia St.
Ward Two:—ERNEST E. LAVERTU..........1866 Purchase St.
Ward Three:—OSCAR D. KELLEHER.........1174 Purchase St.
Ward Four:—ISAAC DAWSON......................191 Elm St.
Ward Five:—JOHN A. STITT.........................14 Bay St.
Ward Six:—ROBERT UPTON..................207 Hudson St.

City Clerk

RODOLPHUS A. SWAN, 258 Walnut Street

COMMON COUNCIL

President—JOHN L. ALMOND

Ward One

JOSEPH O. CHARON............................288 Earle St.
AUGUST J. CORMIER.........................148 Sylvia St.
ERNEST P. PONTE.........................136 Tinkham St.
ANTHONY S. ZIELINSKI....................13 Fielding St.

Ward Two

*JOSEPH L. AILLERY....................80 West Trinity St.
JAMES H. HUNT.............................161 Bullock St.
HENRY W. PRŻYBYLA.....................20 Peckham St.
JAMES WOODACRE..........................8 Studley St.

Ward Three

**JOSEPH C. DESMOND......................129 Hillman St.
HENRY S. GORNER........................495 Chancery St.
WALTER J. LANGFIELD....................90 Robeson St.
THOMAS P. OSBORNE........................100 State St.

Ward Four

DAVID S. ANDERSON......................343 Morgan St.
FRANK W. MAHON......................71 Mechanics Lane
BERNARD C. McCABE..........................277 Mill St.
LEWIS F. PEIRCE.........................223 Chancery St.

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*Died—Feb. 3, 1932
**Died—May 20, 1931

Ward Five

JOHN L. ALMOND..............................71 Maple St.
BERNARD KESTENBAUM....................12 Priscilla St.
WILLIAM MARTIN.............................1 Cottage St.
GEORGE W. SILSBEE.........................10 Green St.

Ward Six

LEO E. J. CARNEY.............................53 Ashley St.
NAPOLEON LALIME..................64 Rodney French Blvd.
FRED ROBINSON..............................154 Butler St.
FRED WALKER................................62 Norman St.

Clerk:—RUTH G. HILTON

JOINT STANDING COMMITTEES OF THE CITY COUNCIL

Almshouse and the Poor—Aldermen Harrison (ch.), Upton; Councilmen Hunt, Langfield and Robinson.

Audit—Aldermen Stitt (ch.), Upton; Councilmen Osborne, Kestenbaum and Aillery.

Bath Houses—Aldermen Upton (ch.), Harrison; Councilmen McCabe, Kestenbaum and Lalime.

Building Code—Aldermen Lavertu (ch.), Dawson; Councilmen Gorner, Anderson and Silsbee.

City Property—Aldermen Kelleher (ch.), Lavertu; Councilmen Aillery, Mahon and Peirce.

Claims—Aldermen Harrison (ch.), Lavertu; Councilmen Przybyla, Mahon and Walker.

Finance—Mayor (ch.), Aldermen Lavertu, Stitt; Councilmen Gorner, Peirce and Martin.

Fire Department—Aldermen Lavertu (ch.), Dawson; Councilmen Charon, Ponte and Carney.

Military Affairs—Aldermen Stitt (ch.), Harrison; Councilmen Przybyla, McCabe and Robinson.

Ordinances—Aldermen Upton (ch.), Stitt; Councilmen Zielinski, Woodacre and Lalime.

Streets—Aldermen Dawson (ch.), Kelleher; Councilmen Cormier, Hunt and McCabe.

Street Lights—Aldermen Upton (ch.), Dawson; Councilmen Woodacre, Anderson and Martin.

Wharves—Aldermen Kelleher (ch.), Harrison; Councilmen Langfield, Osborne and Silsbee.

DEPARTMENTS

City Clerk—RODOLPHUS A. SWAN, Salary $3,780.00, 258 Walnut Street. **Assistant City Clerk**—JAMES DIGNAM, Salary $2,580.00, 289 Maple Street.

City Treasurer and Collector of Taxes—JOHN MORRIS, Salary $3,600.00. 235 Pope Street.

City Auditor—CHARLES J. McGURK, Salary $4,050.00, 638 Rodney French Blvd. (West).

Clerk of Committees—RUTH G. HILTON, Salary $2,340.00. 56 So. Sixth Street.

City Solicitor—BENJAMIN B. BARNEY, Salary $4,500.00, 3 North Orchard Street.

City Engineer—GEORGE H. NYE, Salary $3,600.00, 23 Arnold Place.

Clerk Board of Appeals—GEORGE H. NYE, Salary $1,800.00, 23 Arnold Place.

Superintendent of Streets—WILLIAM P. HAMMERSLEY, Salary $5,400.00, 183 Orchard Street.

City Forester—CHARLES F. LAWTON, Salary $1,855.00, 31 Plymouth Street.

Superintendent of Buildings and Inspector of Buildings—GEORGE O. GARDNER, Salary $3,175.00, 181 Maple Street.

Assistant Superintendent of Buildings—MARTIN H. SULLIVAN, Salary $2,125.00. 78 North Street.

Inspector of Wires—WILLIAM P. BRIGGS, Salary $1,810.00. 123 Bedford Street.

Superintendent of Street Lights—WILLIAM P. BRIGGS, Salary $865.00. 123 Bedford Street.

Supervisor of Police Signal System—WILLIAM P. BRIGGS, Salary $500.00. 123 Bedford Street.

OTHER OFFICIALS

City Physician—ALBERT H. STERNS, M. D., Salary $1,855.00. 1149 Acushnet Avenue.

Sealer of Weights and Measures—JOHN HOBIN, Salary $2,310.00. 759 County Street.

Superintendent of Sewers—WILLIAM P. HAMMERSLEY, Superintendent of Streets, ex-officio.

Harbor Master—HENRY F. WEST, Salary $400. 226 Chancery Street.

City Wharfinger—HENRY F. WEST. Salary $500. 226 Chancery Street.

Inspector of Crude Petroleum—HOWARD I. WORDELL. 334 Hawthorn Street. Fees 2c per barrel.

Caretaker of Graves of Soldiers and Sailors—SIDNEY B. DEMORANVILLE. 6 Richmond Street. No salary. Superintendent of Cemeteries.

Registrar of Labor (Under Massachusetts Civil Service Commission)—WILLIAM J. CARTER. Salary $500. 108 Robeson Street.

Workmen's Compensation and Claim Agent—WILLIAM R. BALDERSON. Salary $2,125.00. 191 Elm Street.

BOARD OF HEALTH.

Salary $700 each.

HOLDER C. KIRBY, M. D.	Term expires February, 1933
JOHN M. SALLES, M. D.	Term expires February, 1934
JOSEPH R. GLENNON	Term expires February, 1935

JOSEPH R. GLENNON, Chairman

Agent and Executive Officer—Salary $3,625.
WILLIAM G. KIRSCHBAUM

Director of Field Work—Salary $3,625
WILLIAM B. GEOGHEGAN

Medical Inspector—Salary $3,000.
A. N. SENESAC, M. D.

Physician to Well Baby Clinics—Salary $894.
AUBREY POTHIER, M. D.

Oculist—Salary $1,855.
ALPHONSE NORMANDIN, M. D.

Bacteriologist, Chief of Venereal Disease Clinic—Salary $2,750.
A. H. MANDELL, M. D.

Chief of T. B. Clinic—Salary $1,000
J. M. WISE, M. D.

Public Vaccinator—Fees
L. K. DORAN, M. D.

Medical Inspectors Parochial Schools—Salary, $400 each
DR. J. P. ST. GERMAIN DR. JACOB GENNERT
DR. ELLEN R. CANNEY

Garbage Disposal
Supt. AUSTIN M. THRESHER—Salary $2,750.

ASSESSORS

Salary $2,750 each

WILLIAM J. ABRAMS	Term expires 1932
JOSEPH H. HANDFORD, Chairman	Term expires 1934
MARY L. FINNELL	Term expires 1936

BOARD OF PUBLIC WELFARE

Salary, $500 each

MINER W. WILCOX	Term expires May 1, 1933
ALDEGE CHAUSSE	Term expires May 1, 1934
KATHERINE H. EDWARDS	Term expires May 1, 1935

MINER W. WILCOX, Chairman

Secretary and Almoner—Salary $49.00 per week
CHARLES A. POIRIER

Superintendent and Matron of Almshouse—Salary $32.50 per week
KATHERINE F. BROWN

Chaplains of Almshouse—Salary $300
REV. CHARLES S. THURBER
REV. HENRY J. NOON

Physicians to the Board.—Salary, $1,000 each.
Physician to the North District
GEORGE J. DION, M. D.

Physician to the Centre District
WILLIAM ROSEN, M. D.

Physician to the South District
JOSHUA H. WEEKS, M. D.

Physician to Cove District
JOSEPH H. GLEASON, M. D.

Eye Specialist—Salary $800
H. H. LeCLAIR, M. D.

TRUSTEES FREE PUBLIC LIBRARY

Ex-Officio

CHARLES S. ASHLEY	Mayor of the City.
ERNEST E. LAVERTU	President of the Board of Aldermen
JOHN L. ALMOND	President of the Common Council

Elected by the City Council

ALICE P. SHOCKLEY,	Term expires April, 1933
FRANK A. MILLIKEN,	Term expires April, 1933
CHARLES M. HOLMES,	Term expires April, 1934
IRVING W. COOK,	Term expires April, 1934
WM. A. ROBINSON, JR.	Term expires April, 1935
COOPER GAW,	Term expires April, 1935

President of the Board
THE MAYOR

Librarian and Clerk
GEORGE H. TRIPP
Salary $4,500

COMMISSIONERS OF SINKING FUNDS

CHARLES S. KELLEY, Jr.	Term expires April, 1933
BENJAMIN A. TRIPP,	Term expires April, 1934
EDMUND H. LELAND,	Term expires April, 1935

JOHN MORRIS, Secretary and Treasurer
Salary $300

TRUSTEES OF GIFTS, BEQUESTS AND TRUST FUNDS

JOSEPH M. READ, 163 Hawthorn Street, Elected 1930. Term expires April, 1933.

ALBERT H. DOYLE, 2095 Acushnet Avenue, Elected 1931. Term expires April, 1934.

WILLIAM S. COOK, 11 Hawthorn Terrace, Elected 1932. Term expires April, 1935.

NEW BEDFORD WATER WORKS

New Bedford Water Board

CHARLES S. ASHLEY, Mayor, ex-officio, President

JOHN L. ALMOND,	Pres. of Common Council, ex-officio
JAMES O. THOMPSON, Jr.,	Term expires June, 1932
WILLIAM D. HAMEL,	Term expires June, 1933
THOMAS F. GLENNON	Term expires June, 1934

Clerk—STEPHEN H. TAYLOR

Superintendent—Salary $5,400
STEPHEN H. TAYLOR

Water Registrar—Salary $51.65 per week
ALFRED BRADLEY

BOARD OF PARK COMMISSIONERS

GEORGE R. CHERRY, Chairman

JEREMIAH COHOLAN,	Term expires 1st Monday in May, 1933
GEORGE R. CHERRY,	Term expires 1st Monday in May, 1934
WILLIAM S. RAPHAEL,	Term expires 1st Monday in May, 1935
BARNEY PAPKIN,	Term expires 1st Monday in May, 1936
GEORGE H. CUSHING,	Term expires 1st Monday in May, 1937

JEREMIAH COHOLAN, Secretary
General Superintendent—Salary, $2,750
EVERETT B. SHERMAN

CEMETERY BOARD

WILLIAM M. HIGHAM, Chairman

WILLIAM M. HIGHAM,	Term expires May 1, 1933
JOHN G. NICHOLSON,	Term expires May 1, 1934
CHARLES H. VINAL,	Term expires May 1, 1935

CHARLES H. VINAL Secretary
Superintendent of Cemeteries—Salary, $2,310
SIDNEY B. DeMORANVILLE

REGISTRARS OF VOTERS

Salary $400 each

JOHN J. ANDERTON, Chairman

JOHN J. ANDERTON, (Rep.)	Term expires March, 1933
GEORGE J. PLANTE, (Rep.)	Term expires March, 1934
ANTHONY GERARDI, (Dem.)	Term expires March, 1935

RODOLPHUS A. SWAN, (Dem.) Clerk, Salary, $400
Assistant Registrar, WILLIAM J. CARTER, Salary, $200

LICENSING BOARD

Salary, $500 each

DANIEL W. BAKER, Chairman and Secretary,

STANLEY J. SIECZKOWSKI,	Term expires 1934
CHARLES S. BAYLIES,	Term expires 1936
DANIEL W. BAKER,	Term expires 1938

FIRE DEPARTMENT

Executive Head—Mayor CHARLES S. ASHLEY

EDWARD F. DAHILL .... Chief
Salary, $3,500

JAMES J. DONAGHY .... Deputy Chief
Salary, $2,820

FREDERICK E. RICKETSON .... First District Chief
Salary, $2,540

AMBROSE F. MERCHANT .... Second District Chief
Salary, $2,540

MILES L. FAY .... Third District Chief
Salary, $2,540

FRANCIS T. MACEDO.........................Clerk of Dept.

POLICE DEPARTMENT

SAMUEL D. McLEOD......................................Chief
Salary, $3,500

RAYMOND CHASE .... Deputy Chief
Salary, $3,200

RAPHAEL PIERACCINI .... Deputy Chief
Salary, $3,200

(For complete list see report of Police Department.)

WEIGHERS OF MERCHANDISE

Appointed and Qualified

June 1, 1931—June 1, 1932

Armstrong, Edward
Andrade, William
Andrews, Manuel A.
Ashton, James
Alves, John
Alves, Manuel
Akin, Charles G., Jr.
Alfama, Armand

Bennett, Robert A.
Buchanan, Andrew T.
Bessette, William
Bachand, Wilfred J.
Barthelemy, Roger
Bolduc, Telesphore
Borden, Freeman M.
Barratt, Fred
Bancroft, Thomas
Bence, Frederick W.
Butler, David
Burke, Raymond
Bowman, Fred G.
Booth, Charles L.
Bergen, Theodore
Blecha, Albert
Borden, Frank W.
Booth, Charles H. W.
Blakely, Albert
Burrows, Thomas
Babcock, Joseph D.
Belanger, Lucien
Brown, John
Birtwistle, Fred
Bouchard, John
Bliss, Frank J.
Beattie, John
Bumpus, Arthur P.
Brightman, Bradford

Chartier, Ernest
Camelia, William M.
Coupe, Horace
Carpenter, Clayton
Carando, Peter
Cote, Joseph
Coutier, Delphis
Chase, Alton W.
Carse, Henry G.
Cardoza, Joseph

Desrosiers, George
Dufresne, Zoel S.
Dion, Alphonse J.
Dunham, Zacheus C.
Duval, Armand
Dauphin, Charles
Draper, Joseph F.
Dixon, James
Davignon, Norbert T.
Dutra, Albert
Duffie, Robert, Jr.
Duval, Arthur D.
Davis, William T.
Davis, William E.
Denault, Arsene
Duffy, John E.

Earnshaw, John O.
Entwistle, Ernest

Fichtenmayer, Rudolph
Furtado, Manuel J.
Foley, Patrick J.
Faubert, Wilfred J.
Furtado, John
Farland, Albert
Furtado, Frank
Feeley, Thomas
Fletcher, Alfred
Furness, Richard
Flathers, Arthur E.

Gelinas, Ovide A.
Goulding, Joseph
Gifford, William E.
Gurney, Ralph E.
Gardner, James A.
Gamble, Thomas A.
Gauthier, Arthur
Gamble, William
Guilmette, Alfred
Gray, Charles A., Jr.
Grew, Walter

Hall, Joseph P.
Hesketh, Stanley
Higgins, James H.
Horvitz, Abraham Thomas
Hindle, William T.

Hayden, Edward
Haworth, Archibald W.
Holland, Charles H.
Hayden, John W.
Hughes, John
Hutching, Walter C.
Holmes, Albert W., Jr.
Howard, Lillian
Hatch, Clifton N.
Hendricks, William
Holstins, Gustav B.
Hall, John
Hargraves, John
Howarth, Thomas
Hopkins, Bernard
Hayman, Walter E.

Judge, Edward
Johnson, John

Kenyon, Walter A.
King, Howard F.
Kenworthy, Sidney
Knol, Albert
Kral, Frank
Kasmire, Philip S.

Lawrence, Charles L.
Lawrence, Ernest
Lawrence, Leonard R.
Lee, John William
Lord, Thomas
Lafond, Romeo
Lacroix, Leo P.
L'Heureux, Joseph
Lopes, John
Labonte, Raymond
Lees, Fred
Lora, Ezaquiel
Lawrence, Herbert F.
Leonard, Thomas G.
Linnehan, Lloyd C.

Maye, James H.
McCartney, William
Murphy, Philip
Mello, Manuel
Mitchell, Arthur
Marsh, Harry
Marshall, Manuel C.
Medeiros, John V.
Marshall, Charles E.
Martin, Irving M.
Moores, Joseph
Medeiros, Frank
Mendes, Telmo
Munro, John
McCann, Frank
Marland, Frank
Medeiros, Joseph
Montplaisir, Solime
Medeiros, Manuel

Niles, Thomas H.

Osenkowski, Stanislaw
O'Rourke, Edward
Oliver, Harold W.
Oliver, Arthur
Olivera, John

Prescott, Everett G.
Paul, David
Pierce, Clarence E.
Pease, Luther M.
Palmer, Courtland M.
Pedro, William A.
Paquin, Frank D.
Pollard, Walter
Provost, Robert
Pelletier, Armand
Phinney, George H.
Pires, John
Pacheco, Joseph
Pimental, Manuel M.
Paul, George F.
Pelletier, Charles W.
Putnam, Arthur C.

Roy, Romuald J.
Ross, Samuel
Rogers, Henry V.
Reed, Ervin A.
Rapoza, John
Richmond, William R.
Rourke, William
Ryan, Ambrose J.
Roberts, Leonard
Robinson, Frank J.
Rollinson, Fred
Roy, Joseph R.

Sandford, Robinson Pierce
Slowik, Joseph J.
Sullivan, Michael F.
Smith, Carlton W.
Smith, William C.
Swallow, Samuel
Smola, John
Simmons, Isaac
Sykes, Raymond
Senna, Frank M.

Sylvia, Michael
Shaw, George
Smith, Harry
Sylvia, Charles
Silvia, Manuel
Samoisette, Alfred
St. Peter, Charles
Santos, Frank
Soares, Antone
Simmons, Lester F.
Sargent, George
Suferth, Otto
Spooner, Ralph
Sterling, Stanley W.
Sullivan, George W.
Silbey, Richard M.

Tate, Andrew
Tripp, J. Arthur
Teachman, Albert G., Jr.
Tomlinson, David H.
Toussaint, Charles E.
Thompson, Arthur
Tripp, George E.

Vandry, Louis F.
Ventura, Antone
Viera, Antone

Wilkinson, Walter
Winslow, Henry S.
Watson, John J.
Wheaton, William
Witkos, Joseph
Wareing, Arthur
Whalley, James H.
Welsh, William G.
Wetzel, John H.
Walker, George
Walsh, Richard
Ward, William
Whittle, Henry
Wilmot, Leonard
Wood, John
Wilde, Webster

Young, Herbert

WEIGHERS OF COAL

Appointed and Qualified

June 1, 1931—June 1, 1932

Abrams, Samuel
Akin, C. Gardner
Alves, John
Akin, Charles G., Jr.
Alfama, Armand

Bowman, Fred G.
Booth, Chas. H. W.
Barry, Richard
Burke, Raymond
Blakely, Albert
Burrows, Thomas
Boland, Edward

Coupe, Horace R.
Carando, Peter
Cote, Joseph
Coutier, Delphis
Chase, Alton W.
Carse, Henry G.

Dratch, Benjamin
DeMello, Manuel C.
Dwyer, Thomas J.
Dauphin, Charles
Draper, Joseph F.
Dixon, James
Dutra, Albert

Enos, Manuel George
Earnshaw, John O.

Forman, Ruben
Furtado, Manuel J.
Foley, Patrick J.
Francis, William H.
Feeley, Thomas
Ford, Albert
Flathers, Arthur E.

Greenwood, Stanley H.
Gifford, William E.
Gifford, Shirley M.
Gurney, Ralph E.
Gardner, James A.
Gamble, Thomas A.
Gauthier, Arthur
Gray, Charles A., Jr.

Handford, John E. W.
Hurwitz, Hyman
Handford, John A.
Hindle, William T.
Hayden, Edward D.
Hurwitz, Samuel
Haworth, Archibald W.
Hutching, Walter C.
Holmes, Albert W., Jr.
Heyliger, Robert G.
Howard, Lillian
Holstins, Gustav B.
Hopkins, Bernard

Jennings, Ralph A.
Judge, Edward

Kenyon, Walter A.
King, Howard F.
Kral, Frank

Lord, Thomas
Lipman, Kate
Lora, Ezaquiel

Miller, David K.
Marshall, Charles E.
Marsh, Harry
Medeiros, John V.
Martin, Irving M.
Moores, Joseph
Medeiros, Frank
McCann, Frank

Olejarz, Stanley
Osenkowski, Stanislaw
Olivera, John

Pease, Luther M.
Perry, Manuel
Phinney, George H.
Pires, John

Pacheco, Joseph
Pimental, Manuel M.
Putnam, Arthur C.

Roy, Romuald J.
Raymond, Thomas A.
Ross, Samuel
Rourke, William
Ryan, Ambrose J.
Robinson, Frank J.

Sandford, Robinson Pierce
Slowik, Joseph J.
Silveira, John
Silveira, Joseph
Shaw, Chauncey L.
Smith, Carlton W.
Sampson, Charles A.
Santos, Manuel A.
Smith, Harry
Silvia, Manuel
Samoisette, Alfred
St. Peter, Charles
Santos, Frank
Soares, Antone
Spooner, Ralph

Tate, Andrew
Tripp, J. Arthur
Tomlinson, David H.
Touissaint, Charles E.
Tripp, George E.

Viera, Antone

Wilkinson, James, Jr.
Winn, Thomas P.
Wareing, Arthur
Whalley, James H.
Ward, William

Young, Orville H.

MEASURERS OF LUMBER

Appointed and Qualified

June 1, 1931—June 1, 1932

Connolly, Patrick J.
Cardoza, George
Croacher, Thomas

Hawes, Richard G.

Poole, Justin B.

Spooner, Daniel A.
Sylvia, John J.

MEASURERS OF WOOD AND BARK

Appointed and Qualified

June 1, 1931—June 1, 1932

Borden, Harrison T.
Hawes, Richard G.
Westgate, Clarence E.

FIELD DRIVERS

The Police

WEIGHERS OF BOILERS AND HEAVY MACHINERY

Appointed and Qualified

June 1, 1931—June 1, 1932

Alves, John
Akin, Charles G., Jr.

Burke, Raymond
Bowman, Fred G.
Booth, Charles H. W.
Boland, Edward

Coupe, Horace
Carando, Peter
Cote, Joseph
Coutier, Delphis

Dauphin, Charles
Draper, Joseph F.
Dixon, James
Davis, William T.

Earnshaw, John O.
Entwistle, Ernest

Furtado, Manuel J.
Foley, Patrick J.
Francis, William H.
Ford, Albert
Flathers, Arthur E.

Gifford, William E.
Gurney, Ralph E.
Gardner, James A.
Gray, Charles A., Jr.

Hindle, William T.
Hayden, Edward D.
Hutching, Walter C.
Holmes, Albert W., Jr.
Heyliger, Robert G.
Holstins, Gustav B.
Howarth, Thomas
Hopkins, Bernard

Kenyon, Walter A.
Kral, Frank

Lord, Thomas
Lora, Ezaquiel

Marsh, Harry
Medeiros, John V.
Marshall, Charles E.
Martin, Irving M.
Moores, Joseph

Pease, Luther M.
Phinney, George H.
Putnam, Arthur C.

Roy, Romuald J.
Ross, Samuel
Rourke, William
Ryan, Ambrose J.

Sandford, Robinson P.
Shaw, Chauncey L.
Smith, Carlton W.
Sampson, Charles A.
Smith, Harry
Santos, Manuel A.
Silvia, Manuel
Spooner, Ralph

Tate, Andrew
Tripp, J. Arthur
Thompson, Arthur
Tripp, George E.

Winn, Thomas P.

Walsh, Richard
Ward, William
Wood, John

Young, Orville H.

SPECIAL POLICE

Appointed and Qualified

June 1, 1931—June 1, 1932

Augustine, Manuel Ferreira
Asselin, Omer
Alves, John
Auclair, Ephrem F.
Almond, Milton M.

Berube, Albert
Boucher, Benjamin E.
Brown, David
Booth, William H.
Belanger, Lucien
Bence, Frederick N.
Booth, John
Bretherton, Thomas
Bedard, Thomas L.
Bliss, William H.
Brunette, Joseph A.
Black, George
Bowers, Robert H.
Brunette, Victor L.

Coutu, Henry J.
Cartwell, Robert A.
Cirby, Harold C.
Caron, Albert
Cantwell, John
Cyr, Lucien
Cook, James
Costa, Edward A.
Charette, Alfred
Cliff, Joseph R. N.
Cote, Hormidas
Crocker, Herbert Allan

Daignault, Joseph
Doyon, Samuel
Dupuis, Joseph
Dumas, Raoul
Davis, Robert
Duffy, John D.
Durrant, George A.
Davoll, Walter E.
Dixon, John W.
Davis, William T.
Duffy, John E.
Dansereau, Joseph
DeCoute, Eugene
Davis, Edwin F.

Foster, Antone
Furtado, Manuel J.
Ferreira, Gil
Francis, William E.
Frasier, Manuel F.
Francis, Enos
Foutter, Robert R.
Fortin, Alphonse

Gauvin, Ernest
Gagne, Frank
Gosselin, Arthur J.
Griffin, James
Gething, Alfred

Hall, Andrew M.
Hull, John James
Hall, Joseph P.
Hazzard, Alton L.
Horne, Benjamin
Hughes, Hubert O.
Holland, Charles H.
Holden, James

Johnson, John
Jones, John R.
Johns, William A.
Johnson, Charles A.

Kobza, Charles
Kenyon, Harold E.

Lebouef, George
Lowrie, George H.
LeClair, Alfred
Lemery, Arcade
Lawton, Henry C.
Latmier, James
Lange, Frederick A.
Lewis, Manuel
Lyons, William Henry
Lawrence, John D.

McCann, Frank
McKenna, Charles H.
McGrath, William Thomas
Miller, Cluster C.
Miller, Samuel
Morency, Wm. J.
Mahan, William
McLeod, Donald A.
Mulroy, Christopher J.
Marchand, Joseph
Mallon, Leonard
Mackie, William E.
Macomber, Leland R.
Morse, Frank
Mather, Robert H.
Mello, Manuel S.
McMullen, Sidney
Martin, Arthur L.

Nistele, Carl E.
Newell, Arthur J.
Nichols, Harry G.
Newton, James W.

Platt, John
Perry, Stephen J.
Pavao, Joao C.
Pisarczyk, John
Phelan, John
Rourke, William P.
Riding, Albert E.
Roy, Romuald Joseph
Rush, Maynard F.
Rose, Theodore P.
Richmond, William R.
Ribeiro, Manuel
Rivard, Elmo P.
Reed, William H.
Rumney, John C.
Rebello, Manuel

Smith, Clarence J.
Souza, William
Sutton, Herbert W.
Sylvia, John Rebeiro
Sylvia, Peter
Smith, William F.
Serra, Rosario A.
Southworth, Cyril
Souza, John P.
Sartoris, John R.
Sylvia, Richard F.
Souza, John Gonsalves
Smith, Alvin T.
Smith, Samuel
Smith, John T.
Shiels, James J.
Shields, John P.
Sutton, Herbert W.
Silva, Manuel Augusto
Sylvia, Jesse

Thompson, Arthur C.
Tripp, Bradford D.
Thomas, Sillia
Tate, Andrew
Teachman, Albert G.

Vital, Manuel
Vercellone, Peter

Wolan, Theodore P.
Welch, Peter P.
Walker, George H.
Walker, Sam R.
Wilbur, Howard C.
Wright, Charles P.
Wood, George
Wheeler, John Newton

MID-TERM ADDRESS

OF THE

HON. CHARLES S. ASHLEY

MAYOR OF NEW BEDFORD
MASSACHUSETTS

COUNCILMANIC CHAMBER

JANUARY FOURTH

NINETEEN HUNDRED AND THIRTY-TWO

1932
City Printing Co.
Printers

MID-TERM ADDRESS

BY

HON. CHARLES S. ASHLEY

JANUARY 4th, 1932

Gentlemen of the City Council:—

You have had for several days the complete detailed budget memoranda for the year 1932. In total there is call for appropriations, from the revenue of the current year, amounting to six million two hundred ninety-seven thousand six hundred twenty-seven dollars ($6,297,627.). That figure is seven hundred twenty-three thousand nine hundred one dollars ($723,901.00) less than the provisions made for the year 1931.

This reduction, large as it is, could actually be stated to be eight hundred forty-four thousand five hundred one dollars ($844,501) but for the offset of increased burdens which have to be recognized in four instances.

In other words after making cuts to the gross total of eight hundred forty-four thousand five hundred one dollars, I am still met with a necessity of providing for several unavoidable increases, Public Welfare, Soldiers Relief, State Aid and the costs of the year's elections.

These last items use up one hundred and twenty thousand dollars ($120,000.00) which I hoped might be saved, but it cannot be done and the figures must stand as I have stated them.

It is obvious that the figure of seven hundred twenty-three thousand nine hundred one dollars is a very drastic move in the way of retrenchment.

Notwithstanding inevitable increases, liabilities and costs, this budget is keeping step with the reduced and dwindling sources of revenue.

The budget has been set up in the light of the full knowledge of experience and recognizes all the forecasts furnished by the several state authorities.

It represents painstaking and careful thought; it follows the tenor of my former utterances and the trend of governmental occurrences.

The following five items state the story of the years adverse happenings which affect us to the amount of nearly three quarters of a million.

These figures are

CITY OF NEW BEDFORD - 1932

Reduction in Valuations	8½ millions	$289,000
Increase in State Tax	60 - 70%	116,000
Decrease in Income Tax	30%	170,000
Decrease in Corporation Tax		73,000
Anticipated receipts, delayed in payment		75,000
		$723,000

Budget figured on basis of 1931

tax rate, viz.: $34 per thousand

One year ago, I specifically pointed out the probable situation in which the city would be found after the passage of another twelve months. I stated that there was impoverishment, shrunken values, increasing liabilities and diminishing resources.

Declining to make prophecy as to our exact status at the end of the twelve months then ahead, it was nevertheless very apparent that encouraging signs were entirely absent, and my own survey of the probabilities prompted me to use the language which I then employed.

I told you that the causes which created these conditions were not of our own making, and my intimation was that the eventual burden would cause much greater hardship, and would disturb the problems of municipal administration. At this time the predictions have ripened and developed into absolute fact. The stringency and shortage elements do not trace to causes of our creation, but the weight of their effect now bears heavily upon this and every other municipality. Affairs are now at a low ebb. We cannot temporize; we must act forcefully in no uncertain way.

It is not possible to have receipts in amount in any way approaching the revenue of other years. The amounts available have grown, and will continue to grow, much smaller in the aggregate. It is an unthinkable proposition to attempt to borrow what we can not hope to repay. Hence, expenditures must be reduced without evasion or avoidance so that they may stand in proper relation to our lessened income.

Let it be understood that every department and agency must change and alter existing plans of operation to conform literally and exactly to the provisions which have been made for it or them.

If this entails perplexity, hardship or embarrassment, it still must be fairly and squarely met.

The details must be arranged by those having charge of departmental administration, but however accomplished, there is only just so much money that can be expended. There can be no delay in making necessary adjustments.

ANNUAL REPORT

OF THE

Committee on Bath Houses

OF THE

CITY OF NEW BEDFORD
MASSACHUSETTS

For the Season 1931

1932
City Printing Co.
Printers

Report of the

Committee on Bath Houses

New Bedford, Mass.,
December 17, 1931.

TO THE CITY COUNCIL:

Gentlemen:—

The Committee on Bath Houses herewith presents a report for the year 1931.

FINANCIAL STATEMENT

Appropriation		$10,000.00
Transferred by City Council		115.00
Net appropriation		$ 9,885.00
Expenses:		
Advertising and Printing	$ 74.41	
Equipment and Supplies	654.38	
Laundry	92.01	
Lighting	96.35	
Towels	33.60	
Telephone	57.80	
Water	187.48	
Whaleboat races	75.80	
Repairs to floats	578.01	
Repairs and alterations	459.62	
Miscellaneous	74.82	
	$2,384.28	
Payrolls	$7,464.31	
		$9,848.59
Unexpended balance		$ 36.41

COMPARATIVE TABLE

Total expenses		$9,848.59
Total receipts:		
Fees	$3,132.55	
Concession	625.00	
		$3,757.55
Net cost of operation		$6,091.04

There were 93,305 bathers at the Municipal Bath Houses during the season and the net cost of operation was $6,091.04, which means that 93,305 persons were given bathing service at a cost to the City of less than 7 cents each. As this service includes attendance, checking of street clothes, protection of life guards, showers, lighting, rental of suits and towels with incidental laundry, and general care of the beach, it will be seen that the cost to the municipality is very low, and the service given is very great. Fewer bathers were accommodated at the Municipal Bath Houses this year than in 1930 due to the fact that a beach on private property at a nearby summer resort was opened to the public for use, without cost.

Laundry costs were the lowest on record, amounting to only $92.01. This sum is $138.45 below the 1930 cost of $230.46.

Both floats were practically rebuilt at a cost of $578 and they should not need any further expenditures for several years.

Aside from the repairs to the floats, the greatest work done this year was the cutting of a door into the boy's locker room. This project has been under consideration for some time, and the Committee feels happy to report that it has been completed. The new entrance will make for better administration and is an achievement long desired.

By direction of the City Council, the pay of Bath House employees was reduced. The amount expended for service is practically the same as in 1930 but the reduced operating expenses during the summer months made it possible to retain help longer and so secure needed repairs and alterations which will be of great advantage next year.

Whaleboat racing loses none of its interest and thousands lined the shore to see the races on August 5th and on Labor Day. As a part of the community's patriotic program during the reception tendered to the U. S. S. Frigate "Constitution" the whaleboat races played a prominent part. On both days, the U. S. Coast Guard rendered effective service and the Committee takes this opportunuity to record its appreciation.

The Committee takes this means of repeating its belief in the great benefit rendered to the residents of the community by the Bath House department. The net cost to the city is very low and the return in health and pleasure is very great. Despite the acknowledged need for retrenchment in municipal activities, the Committee desires to impress upon His Honor the Mayor, when he recommends the budget, and upon the City Council when it has the order for annual appropriations before it, the extreme benefit to the public provided by the Bath House Department and the Committee urges that no decrease be made in the appropriation for this project.

The Committee here expresses its thanks to the Superintendent and to the staff of employees for the service rendered the City.

The Committee also appreciates the cordial interest of the Mayor and members of the City Council and hopes for a continuance of this interest in 1932.

For the Committee:

ROBERT UPTON,
Chairman.

December 23, 1931

To the Committee on Bath Houses:

Gentlemen:—

I respectfully submit herewith my report as Superintendent of the Municipal Bath Houses for 1931.

The Bath Houses were officially opened for the season on June 13, and were officially closed on September 12, 1931. This period covered 13 weeks but bathers were accommodated both before and after these dates.

Bathers and fees were as follows:

		Bathers	Fees
Week ending	May 31	3,700	$123.20
	June 7	1,520	49.25
	June 14	800	37.00
	June 21	7,550	266.75
	June 28	5,925	195.00
	July 5	7,050	299.55
	July 12	6,350	213.10
	July 19	11,500	368.75
	July 26	7,900	287.70
	August 2	14,000	443.70
	August 9	11,400	334.55
	August 16	4,860	166.10
	August 23	3,850	134.75
	August 30	3,300	106.00
	Sept. 6	1,400	49.15
	Sept. 12	2,200	58.00
	Total	93,305	$3,132.55

The receipts from fees totalled $3,132.55 and with the concession of $625.00 made total receipts of $3,757.55. The payroll was $7,464.31.

The largest number of bathers in any one week was 14,000 during the week ending August 2nd and during that week the largest receipts were taken in, viz.: $443.70.

The beach on Colonel Green's estate at Round Hill was opened to the public this year and many persons who have heretofore used the Municipal Bath Houses went to the Dartmouth beach. This fact, I believe, accounts for the smaller patronage in 1931.

The laundry charge for the season was only $92.01 whereas in 1930 the cost was $230.46, a net saving over the previous year of $138.45.

The concession privilege was awarded to John J. Taylor for $625.00, the highest price ever received for the refreshment privilege.

The wages of all members of the staff, save the women members, was reduced by direction of the City Council. This fact made the payroll charges lower during the season, but left available funds to be used after the season was ended and advantage was taken of this fact to have repairs made which had long been desired but had not been possible to achieve.

Five concrete piers, under the board walk, were rebuilt. The inside of the concession stand was painted. The north and south wings of the administration building were painted outside, and the inside painted throughout, including counters, walls, ceilings, rafters, etc. New planking was laid, wherever needed, on the board walk. The roof over the sun shelter and over the board walk was painted. A door was cut into the boy's locker room from the Boulevard side and so separates the boys' room from the men's room. A stairway, partitions and shelves were also built in the boys' locker room. The concrete wall in the girls' locker room was repaired. The boats were painted and caulked. The railing around the board walk was painted. Two new pontoons were placed on the large raft and timbers on the large and small rafts were replaced. A new diving board was installed on the large raft. Both have been scraped and painted. Automatic shut-offs have been installed on the showers and will save money by checking useless waste of water. Ordinary routine repairs were made.

The staff was the same as last year with the exception of Leo Meekin who resigned and in whose place the Committee appointed Alvin Rumney as attendant.

The Red Cross Society provided instructors in swimming during July and August and 900 children availed of this instruction.

The whaleboat races and the swimming events which closed the season were very successful and created wide public interest.

The railing on the north and south ends of the board walk is in very bad condition and should be replaced next year. Two new pontoons will be needed for the small raft. Twenty-five dozen new towels will be needed. I wish to again urge that action be taken to build up the retaining wall to restrain the flow of surface water which now rushes down the hill and washes away the sand of the beach.

I feel that great improvements were achieved this year and I wish most sincerely to thank the members of the Committee for the devoted interest they have taken in the administration of the Bath Houses. The City has benefited very largely by the attention given by the Committee and it has been very gratifying to me as superintendent to have the co-operation and assistance of the members.

To all members of the staff I also wish to express appreciation. And I hope that 1932 will see further steps taken to improve the Bath Houses which are a source of great pleasure and healthful recreation to the residents.

Respectfully submitted,

WILLIAM E. FOSTER,
Superintendent.

CITY OF NEW BEDFORD

IN BOARD OF ALDERMEN,
December 30, 1931.

Received, placed on file, and ordered printed in City Documents. Sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,
December 30, 1931.

Concurred.

RUTH G. HILTON,
Clerk.

THIRTY-SEVENTH ANNUAL REPORT

OF THE

Board of Cemetery Commissioners

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year Ending November 30, 1931

Bradbury-Waring Inc
Printers

CEMETERY BOARD

WILLIAM M. HIGHAM, Chairman
JOHN G. NICHOLSON
CHARLES H. VINAL, Secretary

Clerk of the Board

MISS IVAH M. HUNT

Office Assistant

MRS. BERENICE E. IRVING

Superintendent

SIDNEY B. DEMORANVILLE

CEMETERIES

RURAL CEMETERY
OAK GROVE CEMETERY
PINE GROVE CEMETERY
GRIFFIN STREET CEMETERY

CITY OF NEW BEDFORD

OFFICE OF THE CEMETERY BOARD

New Bedford, December 1, 1931.

To the Mayor and City Council,

City of New Bedford, Mass.

Gentlemen:—

It is the pleasure of the Board of Cemetery Commissioners to herewith present their annual report of this department, its receipts and expenditures, and a summary of the work accomplished for the year ending November 30, 1931.

CHARLES H. VINAL,

Secretary.

FINANCIAL STATEMENT

Annual appropriation, January 5, 1931	$60,000.00
Transferred from Soldiers' and Sailors' Graves account	1,952.83
Transferred from interest a/c, perpetual care, 6%	1,809.55
	$63,762.38
Transferred by City Council	3,000.00
	$60,762.38
Expenditures to December 1, 1931	60,391.37
Balance	$371.01

For classified statement of expenditures, see page 5.

All of the receipts of this department from all sources were paid into the City Treasury,—a summary of the same follows:—

Labor to December 1, 1931	$15,819.58
Labor on perpetual care lots, 1930 (Savings Banks)	18,445.07
Labor on Soldiers' and Sailors' Graves, 1931	1,952.83
Sales of Lots, 1931	9,189.00
Interest a/c, perpetual care, 6%	1,809.55
Total	$47,216.03

CLASSIFIED STATEMENT OF EXPENDITURES

RURAL CEMETERY

General labor account	$11,163.84	
Distribution account	4,664.63	
Interments	1,372.18	
Office building, maintenance and attendant's salary	1,129.33	
Supplies, tools	603.43	
Supplies, fertilizer, seed, sod, etc.	198.57	
Supplies, cement, sand, brick, etc.	226.29	
Supplies, general	21.74	
Water	32.13	
New land, extension a/c, Sec. 200	278.86	
Police	694.84	
Maintenance of avenues	567.69	
New avenues	32.85	
Water main	344.63	
		$21,331.01

OAK GROVE CEMETERY

General labor account	$8,520.57	
Distribution account	2,106.47	
Interments	1,371.02	
Supplies, tools	596.85	
Supplies, fertilizer, seed, sod, etc.	192.43	
Supplies, cement, sand, brick, etc.	155.59	
Supplies, general	67.13	
Water	65.31	
Maintenance of avenues	343.81	
New land, extension a/c, Sec. 7	32.38	
Office building, maintenance and attendant's salary	1,134.66	
Toolhouse, (maintenance)	20.77	
Water pipe	4.58	
Drain	18.43	
Garage	234.87	
Flag pole	38.36	
		$14,933.23

PINE GROVE CEMETERY

General labor account	$3,249.60	
Distribution account	1,922.11	
Interments	1,069.96	
Supplies, tools	388.00	
Supplies, fertilizer, seed, sod, etc.	61.26	
Supplies, sand, cement, brick, etc.	100.78	
Supplies, general	32.74	
Maintenance of avenues	84.38	
Water	14.18	
New land, extension a/c, Sec. 16	134.19	
New land, extension a/c, Sec. 21	234.41	
New wall, north line	1,191.39	
Office building, maintenance and attendant's salary	1,107.78	
Painting fence	287.02	
		$9,877.80

GREENHOUSE AND FLOWER BEDS

General labor account	$4,031.39	
Maintenance, stock and supplies	438.64	
		$4,470.03

GRIFFIN STREET CEMETERY

General labor account	415.30

TELEPHONES

Bell telephones	225.44

SALARIES

Office, (Superintendent and Clerks)	5,840.45

SUNDRIES

Office expenses	379.21
Automobiles	1,789.83
Accident account	744.00
Annual report	35.00
St. Mary's Cemetery, labor on perpetual care lots	229.92
Road roller	150.15
	$60,391.37

Respectfully submitted,

IVAH M. HUNT,

Clerk of the Cemetery Board.

REPORT OF CEMETERY COMMISSIONERS

The season of 1931 opened with unusual problems for the board's consideration. Less money was assigned from the Mayor's budget to this department for its maintenance and operation, while the "city of the Dead" is always a growing one, calling for certain expansions, particularly in the need of prepared lots for sale and construction of avenues to reach them.

An early meeting was called by the board with its executives to consider the curtailed appropriation and the application of it to the potential requirements in the several grounds for the coming season that equally good service be rendered to lot owners, the good appearance of the cemeteries maintained, and the department function within the radius of the limited funds appropriated for its operations.

Additions have been made to the increasing lists of lots in perpetual and annual care. The cost of this service is paid to the City Treasurer at the beginning of the season, yet automatically becomes a part of the city's funds and the same is true of the amounts paid in from time to time for such work as digging graves, building foundations, bricking graves and other special services. The cost of doing all this work is taken from the department's appropriation, leaving an extremely limited balance for the maintenance of the department.

During the year, a further release of Three thousand dollars ($3,000.00) from the department budget was made by request of the Mayor, and at the close of the season, the department showed an unexpended balance of $371.01.

We believe that the Cemetery service can claim to be the nearest to being self supporting of all municipal departments.

All permanent improvement has been set aside with the exception of the construction of about 1,200 feet of wall enclosure on the north boundary of Pine Grove Cemetery.

The board believes that with the present adequate supply of lots for sale in the several cemeteries that it can under the present depressed conditions confine its expenses within the amount allotted for its maintenance.

On Memorial Day, the Veterans of Post 190, of the Grand Army of the Republic dedicated a special monument with a bronze plate inscription to the memory of those veterans who fought in the Civil War.

Following the dedication, George N. Alden, Commander of the post, in a few chosen words presented this memorial to the custody and protection of the City of New Bedford. The trust was accepted by Mr. Charles H. Vinal, a member of this board, and assurance was given that a memorial of this character, symbolic of the service of these veterans, was worthy of all the attention it might attract.

The several cemeteries have presented their usual attractive appearance during the year. The park sections have been improved and further embellished by the planting of shrubs and trees.

The many flower beds have also added their attractiveness, these beds being the product of our own greenhouses at a nominal expense.

The Cemetery Board desire to express to his Honor the Mayor and the City Council, their appreciation of the consideration given to this department, and hope that by their inspections and visits they will keep in touch with its progress and its ever increasing service.

For further operations of this department and for a complete detail of the work accomplished during the season, reference is made to the Superintendent's report to the board, a copy of which is attached to this report.

Respectfully submitted,

BOARD OF CEMETERY COMMISSIONERS.

W. M. HIGHAM, Chairman,
JOHN G. NICHOLSON,
CHARLES H. VINAL, Secretary.

SUPERINTENDENT'S REPORT

To the Cemetery Board,
City of New Bedford.

Gentlemen:—

I herewith submit my annual report, together with a statement of the work accomplished during the fiscal year, with suggestions, recommendations, and needed requirements for the coming season.

Under the Board's instructions at the beginning of the season and by reason of the reduced appropriation and the transfer of all incomes from this department, I have pursued as economical and practical a course as was possible to keep the expenses within the amount allotted to this department and at the same time render efficient and satisfactory service to the several lot owners and maintain the upkeep and general good appearance of the city's cemeteries, and I feel that there has been but little ground for complaint though a few special requests have been made and direct attention given to them.

The largest expense of the department was confined to the following:—

A new truck was purchased for use in Oak Grove Cemetery, to replace the old one which had worn out three bodies and was otherwise falling apart, the expense of repairing which would have been unwarranted.

In the winter of last year, the greenhouse boiler having given out, it was necessary to draw the fires and re-tube the boiler. An accident of this nature at that season imperilled the life of 60,000 plants, and by pressure on the part of the boiler company covering all day and night continuous labor, the boiler was restored, the fires re-built, and no damage resulted to the plants.

By order of the inspector, tubes had to be replaced in the road roller to further use of it on the avenues.

It was also necessary for preservation to paint the wire fence at Pine Grove Cemetery. This fence provides 1,000 feet of the east enclosure.

By reason of the severe drought of the previous season, it was deemed advisable to lay an intake direct from the water main to the pond in Rural Cemetery. Under the direction of the water department, 346 feet of two inch pipe was laid to the pond, thus an ample supply of water can be given the pond should another like emergency arise, and prevent the same from becoming a stagnant pool, and also preserve the life of the gold fish and aquatic plants.

There still remains a small portion of the north wall enclosure of Pine Grove Cemetery to be built, and if funds will permit, I suggest that this be accomplished this coming season.

The several avenues re-built and those re-surfaced last season have been much appreciated by undertakers and others using the cemeteries and I believe that repairs and improvements of this character which I hope may be resumed at some future season will be most satisfactory in results.

In Pine Grove Cemetery, 5,625 square feet in area, and in Rural Cemetery, 10,279 square feet in area have been graded and seeded, and a sufficient number of lots in the several cemeteries have been prepared for sale to meet the demand for an indefinite period.

The season's work in the several grounds has been accomplished with fewer men than usual and I have to commend to the board the loyalty and faithful service rendered by the several crews in accepting additional demands and requirements by reason of the economic curtailment of the department.

The following summary of the operations of this department has received my supervision during the year now closed:

SUMMARY OF WORK DONE IN 1931

	Rural	Oak Grove	Pine Grove
Sq. ft. land graded			5,625
Sq. ft. land rough graded	10,279		
Sq. ft. land seeded	10,279		5,625
Sq. ft. sod laid	315	840	550
Lineal ft. borders trimmed	1,527	215	
Lineal ft. wall foundation built			230
Lineal ft. wall built			176
Lineal ft. water pipe laid	246		
Lineal ft. curbing set		16	
Foundations for tablet and markers	79	83	48
Foundations for monuments	8	14	16
Foundations re-built	2	1	
Corner posts in lots	6	12	19
Lots re-numbered	173		
Trees set out			3
Shrubs set out			4
Flower and shrub beds	29	46	20
Trees removed	15	4	3
Trees trimmed and pruned	368	35	115
Shrubs trimmed and pruned	483	282	315
Shrubs removed	4		25
Neglected graves fitted	17	10	8
Graves fitted	270	251	74
Graves fitted in Public Ground	77	8	56
Headstones fitted	9		1
Neglected headstones fitted	8	6	
Lots fitted	2	6	1
Bodies entombed in 1931	3	5	
Bodies remaining in tomb	1		
Bodies dis-interred in 1931	3	6	6
Interments made in lots, 1931	210	144	52
Interments made in graves, 1931		2	62
Interments made in Public Ground, 1931			68
Interments made in Soldiers' & Sailors' lot	1		10
Total interments, 1931	211	146	192
Lots sold in 1931	6	17	21
Graves sold in 1931			63
Prepared lots unsold	110	102	319
Value of lots unsold	$31,574	$32,636	$111.555
Graves unsold			98
Value of graves unsold			$3,430
Number of stones cleaned	393	105	
Number of monuments cleaned	23	8	
Number of corner posts cleaned		4	
Brick graves built	18	15	1
Lot numbers made			530
Corner bounds set	92	154	320
Lots in annual care	511	396	131
Grave numbers set			17

Respectfully submitted,

S. D. DEMORANVILLE,
Superintendent of Cemeteries.

PERPETUAL CARE

Since its inception, the board has ever called the attention of those who own lots in the cemeteries, particularly where monuments and attractive headstones are erected and lots are specially embellished, to the advantages of perpetual care deposits on their lots.

One can hardly imagine that the feeling that has prompted the purchase of a costly stone should be unaccompanied with a desire that the spot should always be kept in neatness and good repair.

Money deposited in perpetual care constitutes a separate and sacred fund, and its income is expressly devoted to the special object designated by the proprietor.

An account is opened with each particular trust and the accrued interest only is spent on the lot for which it is designated.

If a surplus remains, it is allowed to accumulate, year by year, to meet necessary disbursements in the future for extraordinary repairs and improvements.

Estimates will be given to lot owners of the sum required to provide for special perpetual care on request.

Additional lots placed in perpetual care in 1931 numbered 68.

Total number of lots in Perpetual care, thru November 30, 1931:

Rural	1,449
Oak Grove	1,137
Pine Grove	168
St Mary's	84
Peckham West	37
St. John's	47
Cong. Church	23
Friends	31
Griffin street	1
Private cemetery (Braley Rd.)	1
	2,978

Amount deposited for perpetual care during 1931:

Rural	$ 4,850.00
Oak Grove	4,625.00
Pine Grove	3,475.00
Friends	510.80
Peckham West	225.00
St. John's	275.00
St. Mary's	150.00
	$14,110.80

TOTAL AMOUNT PERPETUAL CARE 1931

Rural	$217,115.86
Oak Grove	155,881.30
Pine Grove	20,446.99
St. Mary's	9,400.00
Peckham West	6,315.00
St. John's	5,775.00
Cong. Church	3,000.00
Friends	4,560.00
Griffin street	100.00
Private Cemetery (Braley Rd.)	200.00
	$422,794.15

REPORT OF CARETAKER OF SOLDIERS' AND SAILORS' GRAVES

New Bedford, Mass.,
December 1, 1931.

To the honorable City Council of the
City of New Bedford.

Gentlemen:—

I herewith submit the following report of the work done on neglected lots and graves where soldiers and sailors are interred, as authorized in Chapter 218, Acts of Legislature, 1920:—

	Care of lots and graves	Graves fitted	Stones set	Foundations	Lots fitted
Rural	131	32	1	1	
Oak Grove	157	32			2
Pine Grove	25	9			
Peckham West	13	8			1
Friends	3				
Sacred Heart	24				
Jewish Cemetery	24				
	377	81	1	1	3

The amount appropriated for this work was Two thousand dollars ($2,000.00), and of this amount, $1,673.20 was expended for the care of lots and graves; fitting stones and other work necessary on the lots, $303.63; making a total of $1,976.83 expended, and leaving a balance of $23.17.

Respectfully submitted,

S. B. DEMORANVILLE,

Caretaker of Soldiers' and
Sailors' Graves.

IN BOARD OF ALDERMEN

January 28, 1932.

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL

January 28, 1932.

Concurred.

RUTH G. HILTON,
Clerk.

Attest:

RODOLPHUS A. SWAN,
City Clerk.

THE

Auditor's Annual Report

OF THE

Receipts and Expenditures

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year

1931

THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1932

CITY OF NEW BEDFORD

OFFICE OF THE CITY AUDITOR.

To the Honorable the City Council:

I respectfully submit herewith a report of the receipts and expenditures of the City of New Bedford for the financial year 1931, with a statement of the bonded debt and a schedule of the city property.

CHARLES J. McGURK,
City Auditor.

APPROPRIATIONS, RECEIPTS AND EXPENDITURES, FINANCIAL YEAR 1931.

ACCOUNTS	Appropriations from the Revenue of 1931	Cash Receipts and Other Credits 1931	Expenditures for 1931
Assessments, construction		$8,653.35	
Board of appeals	$2,700.00		$2,385.01
Board of assessors	22,000.00		21,226.33
Board of health	215,000.00	32,112.36	216,774.69
Board of public welfare	550,000.00	81,279.37	704,487.10
Board of survey	50.00		
Bonds payable	1,197,000.00	14,000.00	1,194,000.00
Bridges	2,500.00		294.77
Cemetery board	60,000.00	47,219.03	60,391.59
Cemetery 6% income fund		1,604.10	1,809.55
City auditor	11,475.00		11,113.71
City clerk	26,000.00	13,086.67	24,152.81
City council	4,000.00		3,607.69
City engineer	40,000.00	40.25	34,357.43
City forestry	21,000.00	178.08	20,600.57
City messenger	68,000.00	2,648.99	66,326.49
City physician	2,000.00		1,927.50
City property committee	2,500.00	424.00	841.67
City property, engine repairs	1,000.00		1,000.00
City solicitor	7,000.00	15.00	5,611.20
City treasurer and collector	40,000.00	17,656.73	40,839.82
Clerk of committees	6,700.00		6,327.79
Committee on claims	400.00		135.85
Court judgment			250.00
Department of wharves	5,000.00	3,816.36	1,748.66
Elections	5,000.00		4,642.90
Fire department	485,000.00	207.98	466,603.81
Garbage collection	81,000.00		81,000.00
Garbage disposal	35,000.00	8.57	31,703.14
Harbor master	462.00		462.00
Highway improvement		185.12	17,335.08
Highways	325,000.00	39,679.43	302,420.96
Inspector of animals	600.00		600.00
Inspector of buildings	18,000.00	52.50	17,305.08
Inspector of wires	20,000.00	3.35	18,561.84
Interest	593,431.00	58,678.20	601,761.29
Labor service registrar	560.00		550.43
Licensing board	3,450.00	4,641.25	3,234.50
Mayor	15,000.00		14,412.00
Memorial Day	2,100.00		1,956.06
Military aid	3,800.00	1,857.75	3,682.50
Militia	2,000.00		1,778.96
New Bedford textile school	10,000.00		10,000.00
New Bedford vocational school	157,000.00	88,902.48	153,475.97
New vocational school for girls			214,965.88
Notes, temporary revenue loans		6,890,000.00	6,830,000.00
Park commission	60,000.00	788.00	55,672.65
Planning board	100.00		92.57
Police	560,000.00	21,108.07	540,120.21
Playgrounds	4,000.00		3,994.74
Premiums on bonds			396.50
Public baths	10,000.00	3,757.55	9,848.59
Public library	64,000.00	1,267.25	61,227.21
Public library, James B. Congdon fund		22.50	25.89
Public library, George O. Crocker fund		457.78	470.59
Public library, Oliver Crocker fund		45.00	74.86
Public library, George Howland, Jr. fund		72.00	108.95
Public library, Sylvia Ann Howland fund		2,170.84	2,170.24
Public library, Kempton fund		11,198.28	11,200.37
Public library, Mary D. McCoughtry legacy		1,021.60	1,020.92
Public library, Charles W. Morgan fund		45.00	49.28
Public library, Charles L. Wood fund		90.00	82.48
Public schools	1,674,000.00	65,871.32	1,581,700.00
Public schools, Jonathan Bourne Prize fund		60.00	60.00
Public schools, Sylvia Ann Howland fund		2,170.88	1,869.92
Public schools, Charles S. Paisler fund		803.16	1,180.82
George Reed fund, vocational school		225.79	39.90
Registrars of voters	6,500.00	10.00	6,344.04
Rent, war veterans headquarters	4,200.00		4,200.00
Safety council	100.00		12.55
Sealer of weights and measures	14,000.00	2,321.15	13,014.94
Sewage disposal	34,000.00	1,300.98	32,241.20
Sewer catch basins	7,500.00		3,054.58
Sewers and drains	30,000.00	6,287.02	31,340.72
Sinking fund commissioners	400.00		360.00
Smith-Hughes fund		15,549.40	17,230.92
Soldiers burials	600.00	48.71	489.29
Soldiers and sailors graves	2,000.00		1,976.83
Soldiers relief	120,000.00	1,294.41	153,368.56
State aid	2,200.00	2,263.00	3,421.00
Street lighting	125,000.00		123,647.64
Taxes, 1931		3,970,897.84	435,704.07
Taxes, corporation		598,863.74	164.54
Taxes, gasoline, from State		67,591.59	
Taxes, income		573,027.45	
Taxes of prior years		1,118,810.02	28,755.38
Taxes, old age assistance, 1931		19,614.00	32,078.00
Tax titles		22,665.97	22.49
Vital statistics	1,200.00		1,038.25
Water works, general account	260,000.00	369,247.06	257,190.40
Water works, C. 400, 1924		3,625.00	340.00
	$7,021,528.00	$14,191,543.28	$14,614,064.72
SPECIAL RECEIPTS AND DISBURSEMENTS.			
Cash discrepancies		$837.42	$1,225.27
Cemetery perpetual care deposits		14.110.80	14,110.80
Department advances		175.03	175.03
Highway deposits		3,712.70	3,453.45
Pay roll tailings		134.09	73.59
Salary advances		17,502.42	17,491.82
Sewer deposits		3,405.00	3,987.30
		$14,231,420.74	$14,654,581.98
Unpaid warrants		201,711.14	256,735.45
Cash		614,520.04	136,334.49
		$15,047,651.92	$15,047,651.92

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
TAXES.			
1931 Property	$3,394,860.72		
Polls	38,936.00		
Motor vehicle excise	111,031.40		
Vessels excise	802.58		
Old age assistance	19,614.00		
Prior Years. Property	1,106,117.71		
Polls	18,896.00		
Motor vehicle excise	16,462.28		
Vessels excise	16.67		
From the Commonwealth:			
Corporation	595,936.79		
National bank	2,926.95		
Income	573,027.45		
Total, Taxes	$5,878,628.55		$5,878,628.55
LICENSES AND PERMITS:			
Amusements	$3,321.67		
Auctioneers	96.00		
Automobile dealers	720.00		
Billiards and bowling	1,635.75		
Building obstructions	262.00		
Elevator	52.50		
Firearms and gunpowder	26.00		
Fruit and fish pedlers	639.00		
Garages	104.00		
Health	967.50		
Intelligence offices	16.00		
Junk	394.00		
Liquor	29.00		
Lodging houses	254.00		
Marriages	729.00		
Pawnbrokers	200.00		
Petroleum	213.00		
Public vehicles	541.50		
Rummage sales	40.00		
Sausage	19.00		
Shellfish	830.00		
Soft drinks	159.00		
Special police	141.00		
Sunday	2,320.00		
Transient vendors	1,125.00		
Victuallers	1,105.00		
Total, Licenses and Permits	$15,939.92		$15,939.92
FINES AND FORFEITS.			
Court fines	$10,187.43		
Total, Fines and Forfeits	$10,187.43		$10,187.43

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
GRANTS AND GIFTS.			
Mary D. McCoughtry legacy	$1,021.60		
From Bristol County, dog fund	7,511.26		
From the Commonwealth:			
Classes for the deaf	1,220.81		
Defective eyesight classes	2,000.00		
English speaking classes	9,819.90		
George Reed fund	225.79		
Smith-Hughes fund	15,549.40		
Vocational education	92,984.59		
Boxing commission	1,239.39		
Total, Grants and Gifts	$131,572.74		$131,572.74
SPECIAL ASSESSMENTS.			
Highways	$1,414.96		
Sewers	958.09		
Sidewalks	6,280.30		
Total, Special Assessments	$8,653.35		$8,653.35
DEPARTMENTAL.			
General Government.			
City property, rent	$20.00		
City property, sales	404.00		
City clerk, fees and sundries	3,892.95		
City collector, advertising costs	484.70		
City collector, fees and costs	7,288.86		
City engineer, sales	40.25		
Licensing board, fees	29.25		
Registrars of voters, sales	10.00		
Total	$12,170.01		$12,170.01
Protection of Persons and Property.			
Fire department, damages	$19.50		
Fire department, sales	1.00		
Police, damages	44.00		
Police, sales	343.34		
Inspector of wires, damages	3.35		
City forestry, service	2.24		
Sealer of weights and measures, fees	2,300.11		
Total	$2,713.54		$2,713.54
Health and Sanitation.			
Board of health, reimbursements	$31,102.96		
Garbage disposal, rent	8.57		
Sanitary stations, fees and sales	2,648.99		
Sewage disposal, service	1,075.49		
Sewer service and supplies	4,730.13		
Total	$39,566.14		$39,566.14

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
Highways.			
Labor and material	$14,149.02		
Sales of material	124.89		
Sidewalk and curbing reimbursements	1,840.05		
Gasoline tax from State	67,591.59		
Total	$83,705.55		$83,705.55
Charities.			
Board of Public Welfare.			
City infirmary, sales and service	$2,442.18		
From individuals	3,618.60		
From other cities and towns	20,690.96		
From the Commonwealth	36,332.58		
Mothers aid, from Commonwealth	16,761.49		
Mothers aid, from other towns	51.33		
Total	$79,897.14		$79,897.14
Soldiers Benefits.			
Soldiers relief, reimbursements	$1,272.41		
Reimbursements from State—			
Burial of soldiers	48.71		
Military aid	1,842.75		
State aid	2,263.00		
Total	$5,426.87		$5,426.87
Schools.			
Public schools, sales	$509.30		
Public schools, tuition	14,282.23		
Continuation schools, sales	530.39		
Continuation schools, tuition	3,503.34		
Vocational school, sales	2,205.38		
Vocational school, tuition	27,002.40		
Total	$48,033.04		$48,033.04
Libraries.			
Public library, fines	$1,252.80		
Total	$1,252.80		$1,252.80
Recreation.			
Bathing houses, fees	$3,132.55		
Bathing houses, privileges	625.00		
Parks, privileges	770.00		
Parks sales	18.00		
Total	$4,545.55		$4,545.55
Total, Departmental			$277,310.64

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
PUBLIC SERVICE ENTERPRISES.			
Water Works.			
From sales of water	$347,498.48		
From other sources	11,840.50		
Total	$359,338.98		$359,338.98
Water Works, C. 400, 1924.			
Rent of real estate		$1,025.00	
Fire insurance		2,600.00	
Total		$3,625.00	$3,625.00
Wharves.			
Rents, sales and service	$3,816.36		
Total	$3,816.36		$3,816.36
Total, Public Service Enterprises			$366,780.34
Cemeteries.			
Care of lots	$15,796.48		
Care of endowed lots	18,445.07		
Sale of lots	9,189.00		
Miscellaneous receipts	26.10		
Total, Cemeteries	$43,456.65		$43,456.65

SOURCES OF RECEIPTS	Revenue for Expenses	Indebtedness	Total
INTEREST.			
On special assessments	$1,583.48		
On claims discounted	102.91		
On bank deposits	10,476.02		
On library trust funds	14,101.40		
On school trust funds	3,019.04		
On deferred taxes	46,515.79		
Total, Interest	$75,798.64		$75,798.64
MUNICIPAL INDEBTEDNESS.			
Temporary loans, revenue 1931		$6,890,000.00	
Unpaid warrants of current year		201,711.14	
Total, Municipal Indebtedness		$7,091,711.14	$7,091,711.14

RECEIPTS

SOURCES OF RECEIPTS	Revenue for Expenses	Non-Revenue	Total
SINKING FUNDS.			
From sinking fund commissioners to pay matured school loan		$14,000.00	
Total, Sinking Funds		$14,000.00	$14,000.00

SOURCES OF RECEIPTS	Revenue for Expenses	Temporary Accounts	Total
AGENCY, TRUST AND INVESTMENT.			
County tax		$231,375.47	
State tax		193,875.00	
Cash discrepancies		837.42	
Cemetery perpetual care deposits..		14,110.80	
Department advances returned ..		175.03	
Pay roll tailings		134.09	
Highway deposits		3,712.70	
Salary advances returned		17,502.42	
Sewer deposits		3,405.00	
Total, Agency, Trust and Investment.		$465,127.93	$465,127.93
REFUNDS.			
General department		$1,559.90	
Total, Refunds		$1,559.90	$1,559.90
Total, Cash Receipts			$14,380,727.23
Service, interest and minor transfers			52,404.65
			$14,433,131.88
Cash at the beginning of the year			614,520.04
			$15,047,651.92

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
GENERAL GOVERNMENT.			
City Council.			
Salaries of aldermen (6)	$600.00		
Salary of clerk of common council	500.00		
Clerical services	250.00		
Compensation of pages	126.00		
Advertising	303.95		
City document expenses	886.25		
Printing, postage and stationery	598.49		
Traveling expenses	129.00		
All other expenses	214.00		
Total	$3,607.69		$3,607.69
City Property Committee.			
Advertising	$31.50		
Carriage hire	14.00		
Fire veterans headquarters, charges	50.28		
Library, painting	456.00		
Municipal building, charges	1,018.06	$101.97	
Sanitary station, repairs	74.70		
War veterans headquarters, charges	51.42		
Tax lien property, charges	43.74		
Total	$1,739.70	$101.97	$1,841.67
Committee on Claims.			
Awards for personal injuries	$125.30		
Awards for property damages	10.55		
Total	$135.85		$135.85
Clerk of Committees.			
Salary of clerk of committees	$2,482.86		
Clerk hire	3,195.62		
Advertising, printing and stationery	188.13		
Publishing municipal manuals	286.40		
All other expenses	86.53	$88.25	
Total	$6,239.54	$88.25	$6,327.79

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Mayor.			
Salary of mayor	$7,161.85		
Salary of secretary of mayor	2,412.14		
Stenographer, compensation	1,314.50		
Messenger, wages	1,447.55		
Decoration and entertainment charges	414.10		
Expenses of military funerals	432.00		
Printing and stationery	229.36		
Telephone service	129.82		
Traveling and office expenses	725.95		
All other expenses	144.73		
Total	$14,412.00		$14,412.00
City Auditor.			
Salary of city auditor	$4,275.00		
Clerk hire	5,402.10		
Printing and stationery	1,106.50		
New file room		$254.91	
All other expenses	75.20		
Total	$10,858.80	$254.91	$11,113.71
Auditing Municipal Accounts.			
Expenses of audit by State examiners	$3,401.60		
Total	$3,401.60		$3,401.60
City Treasurer and Collector.			
Salary of city treasurer and collector	$3,799.98		
Special collector, compensation	1,410.50		
Clerk hire	24,592.52		
Advertising and printing	2,092.39		
Carriage hire and travel expenses	1,670.05		
Insurance	1,577.24		
Office expenses	334.95		
Legal financial opinion	172.49		
Postage and stationery	2,678.98		
Registry of deeds fees	2,394.85		
All other expenses	94.93		
Total	$40,818.88		$40,818.88

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Board of Assessors.			
Salary of assessors (3)	$8,625.00		
Compensation of assistant assessors	515.00		
Clerk hire	9,308.29		
Advertising, printing and stationery	1,952.72		
Carriage hire and travel expenses	297.26		
Office supplies and expenses	299.06	$229.00	
Total	$20,997.33	$229.00	$21,226.33
Licensing Board.			
Salaries of the board (3)	$1,500.00		
Clerk hire	1,618.00		
Advertising and printing	108.25		
All other expenses	8.25		
Total	$3,234.50		$3,234.50
Sinking Fund Commissioners.			
Salary of treasurer of the funds	$300.00		
Rent of safe deposit box	60.00		
Total	$360.00		$360.00
Premium On Bonds.			
Legal opinions	$165.00		
Printing bonds	231.50		
Total	$396.50		$396.50
City Solicitor.			
Salary of city solicitor	$4,749.96		
Printing and stationery	458.04		
Office and traveling expenses	403.20		
Total	$5,611.20		$5,611.20
City Clerk.			
Salary of city clerk	$4,010.46		
Salary of assistant city clerk	2,703.88		
Clerk hire	14,610.97		
Advertising, printing and stationery	2,044.40		
License badges and plates	256.00		
Office equipment, supplies and expenses	527.10		
Total	$24,152.81		$24,152.81
Labor Service Registrar.			
Salary of registrar	$500.00		
All other expenses	50.43		
Total	$550.43		$550.43

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
City Messenger.			
Salary of city messenger	$200.00		
Other expenses of city messenger	232.13		
Pay rolls, public buildings	47,990.51		
Building repairs and supplies	1,038.24		
Equipment repairs and supplies	1,493.49		
Fuel and lighting charges	8,516.67		
Janitor supplies	1,408.79		
Telephone switchboard charges	4,291.60		
Water rates	834.68		
All other expenses	320.38		
Total	$66,326.49		$66,326.49
Planning Board.			
Clerical service	$30.00		
Printing and stationery	20.50		
All other expenses	42.07		
Total	$92.57		$92.57
Board of Appeals.			
Compensation of clerk	$1,899.82		
Compensation of stenographer	373.88		
Advertising, printing and stationery	86.31		
Postage	25.00		
Total	$2,385.01		$2,385.01
City Engineer.			
Salary of city engineer	$3,819.70		
Compensation of assistants	25,675.45		
Clerk hire	3,022.83		
Advertising, printing and stationery	215.79		
Drawing supplies	235.65		
Transportation charges	1,244.37		
All other expenses	143.64		
Total	$34,357.43		$34,357.43
Elections.			
Pay of election officers	$2,946.00		
Cost of other personal services	203.50		
Carriage hire and carting	165.50		
Printing and stationery	368.66		
Equipment of polling places	609.24		
Rent of polling places	350.00		
Total	$4,642.90		$4,642.90

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Registrars of Voters.			
Salaries of registrars (4)	$1,600.00		
Salary of assistant registrar	200.00		
Clerk hire	3,297.82		
Advertising, printing and stationery	1,117.92		
All other expenses	34.80	$93.50	
Total	$6,250.54	$93.50	$6,344.04
Total, General Government.			$251,339.40

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
PROTECTION OF PERSONS AND PROPERTY.			
Police.			
Pay rolls, salaries and wages	$507,535.84		
Pay rolls, pensions	18,081.68		
Keeper of lockup, compensation	100.00		
Dog officer, compensation	139.69		
Building maintenance and supplies	1,783.06		
Fuel charges	1,962.20		
Lighting charges	1,281.13		
Meals for prisoners	192.20		
Motor equipment and expenses	3,764.04		
Other equipment and supplies	527.96	$1,000.00	
Office and traveling expenses	81.66	98.00	
Printing and stationery	1,151.84		
Surgical service and supplies	448.20		
Telephone service	1,479.13		
All other expenses	493.58		
Total	$539,022.21	$1,098.00	$540,120.21
Harbor Master.			
Salary of harbor master	$400.00		
Use of boat	52.00		
Surety bond	10.00		
Total	$462.00		$462.00
Fire Department.			
Pay rolls, salaries and wages	$428,746.38		
Pay rolls, pensions	10,824.41		
Pay rolls, protecting society	200.00		
Motor equipment and supplies	5,795.21		
Other equipment and repairs	1,842.47		
Signal system charges	3,262.06		
Fuel	4,927.04		
Light and power	3,252.76		
Station repairs, fixtures and supplies	4,323.08	$945.00	
Printing and stationery	683.52		
Surgical service and supplies	398.55		
Telephone service	1,158.58		
All other expenses	244.75		
Total	$465,658.81	$945.00	$466,603.81

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Militia.			
Headquarters charges	$737.60		
Paddock charges	301.61		
Rifle range charges	344.70		
Transportation charges	310.85		
Telephone charges	84.20		
Total	$1,778.96		$1,778.96
Safety Council.			
Traveling expenses	$12.55		
Total	$12.55		$12.55
Superintendent of Public Buildings and Inspector of Buildings.			
Salary of superintendent and inspector	$3,337.10		
Compensation of assistants	11,438.44		
Clerk hire	1,904.50		
Motor cars maintenance	530.97		
Printing and stationery	78.17		
All other expenses	15.90		
Total	$17,305.08		$17,305.08
Inspector of Wires.			
Salary of inspector	$1,914.44		
Compensation of assistants	6,034.01		
Clerk hire	1,470.30		
Motor car maintenance	853.49		
Office supplies and expenses	207.11	$94.50	
Printing and stationery	343.40		
Traveling expenses	314.19		
Police signal system, pay rolls	5,784.56		
Police signal system, other charges	1,545.84		
Total	$18,467.34	$94.50	$18,561.84
City Forestry.			
Salary of city forester	$1,932.50		
Pay rolls, labor and teaming	13,828.08		
Care of shade trees	672.74		
Equipment, repairs and supplies	1,237.72		
Forestry supplies	985.11		
Motor car maintenance	1,291.72		
Office and traveling expenses	354.61		
All other expenses	298.09		
Total	$20,600.57		$20,600.57

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Sealer of Weights and Measures.			
Salary of city sealer	$2,417.44		
Salaries of deputy sealers	7,845.39		
Clerk hire	1,413.56		
Janitor service	104.00		
Motor car maintenance	829.93		
Printing and stationery	158.43		
Tools and seals	159.77		
All other expenses	86.42		
Total	$13,014.94		$13,014.94
Total, Protection of Persons and Property			$1,078,459.96

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
HEALTH AND SANITATION.			
Board of Health.			
Salaries of the board (3)	$2,100.00		
Salary of agent	3,812.52		
Salary of director of field work	3,812.52		
Other general salaries	8,075.54		
Clerk hire	7,118.70		
Advertising and printing	860.35		
Chemical and medical supplies	255.70		
Motor car maintenance	1,771.12		
Traveling expenses	433.00		
Other general expenses	1,002.85		
Contagious diseases, clinic rent	2,420.04		
Contagious diseases, nurses	1,485.03		
Contagious diseases, hospitals	3,177.95		
Contagious diseases, other towns	963.73		
Contagious diseases, physicians	2,913.00		
Contagious diseases, other charges	2,911.44		
Dental clinic, salaries and wages	10,991.61		
Dental clinic, equipment	1,595.85		
Infant welfare, physicians and nurses	17,884.01		
Infant welfare, other expenses	1,460.60		
Isolation hospital, salaries and wages	2,897.84		
Isolation hospital, other expenses	4,338.44		
Milk and slaughter inspectors	6,359.81		
Milk and slaughter, other expenses	377.53		
Plumbing inspectors (2)	4,810.08		
Sanitary inspectors, salaries	7,737.20		
School medical inspection	1,200.24		
School nurses	1,642.16		
Tuberculosis, hospitals	99,809.25		
Tuberculosis, nurses	2,969.49		
Tuberculosis, physicians	2,244.96		
Tuberculosis, other towns	3,769.44		
Tuberculosis, other expenses	1,188.13		
Pest house, wages	385.50		
Pest house, other charges	128.06		
Vaccination fees	1,871.00		
Total	$216,774.69		$216,774.69
City Physician.			
Salary of city physician	$1,927.50		
Total	$1,927.50		$1,927.50

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Inspector of Animals.			
Salary of inspector	$600.00		
Total	$600.00		$600.00
Vital Statistics.			
Fees for birth returns	$688.50		
Fees for death returns	349.75		
Total	$1,038.25		$1,038.25
Sewers and Drains.			
Pay rolls, labor and teaming	$16,166.84		
Equipment, repairs and supplies..	3,227.32		
Pipe, bricks and fittings	1,115.34		
Stock and labor, other accounts ..	10,572.56		
All other expenses	258.66		
Total	$31,340.72		$31,340.72
Sewage Disposal.			
Pay rolls, labor	$19,731.74		
Pay rolls, pension	701.48		
Car tickets	200.00		
Electric power and lighting	7,935.51		
Equipment, repairs and supplies..	1,958.07		
Fuel	997.50		
Water supply	291.90		
All other expenses	425.00		
Total	$32,241.20		$32,241.20
Sewer Catch Basin Construction.			
Pay rolls, labor and teaming		$884.60	
Construction supplies		846.43	
Stock and labor		171.79	
Supervision and use of tools		750.00	
Trucking		401.76	
Total		$3,054.58	$3,054.58
Garbage Collection.			
Collection contractor	$81,000.00		
Total	$81,000.00		$81,000.00

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Garbage Disposal.			
Salary of superintendent	$2,875.00		
Pay rolls, garbage plant	23,330.57		
Pay rolls, accident account	1,091.66		
Building repairs and supplies	1,079.40		
Fuel	772.40		
Machinery repairs and supplies	716.48		
Motor cars and maintenance	1,215.77		
Office and traveling expenses	195.96		
All other expenses	425.90		
Total	$31,703.14		$31,703.14
Total, Health and Sanitation			$399,680.08

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
HIGHWAYS.			
Highways.			
Pay rolls, labor and teaming	$227,888.55		
Pay rolls, pensions	1,608.35		
Pay rolls, accident compensation	14,433.37		
Accident charges	2,292.31		
Brick and cement	839.30		
Cinders, sand and gravel	3,017.40		
Crushed stone	8,494.30		
Electric light and power	907.77		
Equipment, repairs and supplies	12,017.36	$2,000.00	
Fuel	1,828.08		
Gasoline and motor oil	8,204.00		
Hardware and tools	267.40		
Labor and material, other accounts	245.12		
Motor cars and maintenance	7,313.57		
Office supplies and expenses	1,771.53		
Road oil and binder	4,194.54		
Road repair supplies	576.37		
Shop supplies and lumber	367.27		
Traffic signs	3,053.59		
Water supply	255.01		
Yard expenses	273.78		
All other expenses	571.99		
Total	$300,420.96	$2,000.00	$302,420.96
Highway Improvement.			
Pay rolls, labor and teaming		$6,966.96	
Cinders, sand and gravel		4,081.19	
Crushed stone		157.67	
Road binder		97.79	
Sidewalks, contractor		2,382.59	
Stock and labor, other accounts		3,648.88	
Total		$17,335.08	$17,335.08
Bridges.			
Pay rolls, labor	$151.97		
Equipment, repairs and supplies	48.55		
Trucking	94.25		
Total	$294.77		$294.77
Street Lighting.			
Salary of superintendent	$932.48		
Damages, broken lamps	359.58		
Electric lighting, contract	122,353.23		
All other expenses	2.35		
Total	$123,647.64		$123,647.64
Total, Highways			$443,698.45

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CHARITIES.			
Board of Public Welfare.			
Salaries of overseers and secretary	$4,161.75		
Compensation of clerks and visitors	13,159.58		
Police assistance	1,850.00		
Office and traveling expenses	2,077.28		
City Infirmary—			
Salaries and wages	31,153.33		
Animals and animal supplies	4,248.60		
Building repairs and supplies	5,908.74		
Dry goods and clothing	2,532.52		
Fuel and lighting	5,186.51		
Medical supplies	3,260.37		
Motor car maintenance	1,045.67		
Tools and equipment	1,267.22		
Provisions	17,412.04		
Transportation	106.00		
All other infirmary expenses	2,315.24		
Outside relief—			
Ambulance, new		$3,165.00	
Burials	3,225.00		
Cash orders	137,618.10		
Clothing	8,740.63		
Express and carting	955.15		
Fuel	16,216.82		
Homes	11,437.63		
Hospitals	70,388.29		
Other cities and towns	20,206.52		
Physicians and medicines	22,775.32		
Provisions	238,267.42		
State institutions	10,758.90		
Other expenses	579.00		
Mothers aid—			
Cash orders	44,213.00		
Clothing	1,544.73		
Fuel	5,272.04		
Other cities and towns	571.99		
Physicians and medicines	1,462.13		
Provisions	561.33		
Other expenses	175.75		
Old Age Assistance.			
Cash disbursements	10,667.50		
Total	$701,322.10	$3,165.00	$704,487.10
Old Age Assistance.			
State charges	$32,073.00		
Total	$32,073.00		$32,073.00
Total, Charities.			$736,560.10

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SOLDIERS BENEFITS.			
Burial of Soldiers.			
Burial agent	$12.00		
Undertaker	477.29		
Total	$489.29		$489.29
Military Aid.			
Cash disbursements	$3,682.50		
Total	$3,682.50		$3,682.50
Rent, American Legion Headquarters			
Post 1, American Legion	$2,000.00		
Total	$2,000.00		$2,000.00
Rent, G. A. R. Headquarters.			
William Logan Rodman Post, 1	$600.00		
R. A. Peirce Post, 190	600.00		
Total	$1,200.00		$1,200.00
Rent, Veterans Foreign Wars Headquarters.			
Andrews-Dahill Post, 1531	$1,000.00		
Total	$1,000.00		$1,000.00
Soldiers Relief.			
Cash disbursements	$114,671.36		
Clothing	3,024.31		
Fuel	10,936.91		
Hospitals	5,391.78		
Provisions	9,567.50		
Physicians and medicines	7,774.55		
Other cities and towns	1,439.78		
All other expenses	562.37		
Total	$153,368.56		$153,368.56
Soldiers and Sailors Graves.			
Care and fitting of graves	$1,976.83		
Total	$1,976.83		$1,976.83
State Aid.			
Cash disbursements	$3,421.00		
Total	$3,421.00		$3,421.00

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Hospital and Home Care for Civil War Veterans.			
State charges	$240.00		
Total	$240.00		$240.00
Veterans Tax Exemptions.			
State charges	$457.37		
Total	$457.37		$457.37
Total, Soldiers Benefits			$167,835.55

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
SCHOOLS.			
Public Schools, Pay of Teachers.			
Day schools	$1,202,535.82		
Evening schools and Americanization	19,368.66		
Total	$1,221,904.48		$1,221,904.48
Public Schools, Incidental Expenses.			
Salary of superintendent	$6,197.50		
Salary of assistant	4,290 23		
Clerk hire	17,157.85		
Property inspector and mechanics	9,448.41		
Attendance officers	7,899.19		
Bus chauffeur	1,761.50		
Custodians and cleaners	110.793.26		
Custodians, pensions	2,006.54		
Health and hygiene, salaries	19,891.30		
Other salaries and wages	831.36		
Books and stationery supplies	22,576.57		
County training school	242.86		
Furniture and furnishings	1,816.38		
Freight and carting	254.62		
Fuel	36,060.63		
Janitor supplies	2,770.75		
Lighting and electric power	8,410.42		
Office supplies and expenses	366.71		
Printing and advertising	1,569.37		
Special class room supplies	5,867.37		
Telephone service	2,810.62		
Transportation charges	5,559.75		
Water rates	5,324.36		
All other charges	379.00		
Total	$274,286.55		$274,286.55
Public Schools, Repair of Buildings.			
Care of grounds	$561.44		
Carpentry	3,944.67		
Electrical work and supplies	855.53		
Hardware and tools	316.11		
Heating repairs	3,804.77		
Mason work	2,586.43		
Painting and glazing	9,118.93		
Plumbing	1,456.78		
Roofing	1,179.50		
Total	$23,824.16		$23,824.16

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Continuation Schools.			
Salaries, director and teachers	$50,103.87		
Clerk hire	3,989.03		
Custodians and cleaners	2,925.56		
Books and stationery supplies	116.76		
Buildings maintenance	157.96		
Car tickets	435.25		
Class room supplies	1,113.65		
Equipment repairs and supplies	737.40		
Fuel	1,175.20		
Light and power, electric	613.18		
Office expenses	316.95		
Total	$61,684.81		$61,684.81
New Bedford Vocational School.			
Pay rolls, director and instructors	$95,881.35		
Pay rolls, clerks	2,632.31		
Pay rolls, janitors and watchmen	10,665.20		
Books and stationery supplies	2,468.02		
Building repairs and charges	2,612.25		
Class room and shop supplies	12,416.00		
Equipment and furnishings	9,574.82		
Fuel	5,543.78		
Gymnasium	332.50		
Light and power, electric	2,173.18		
Office supplies and expenses	1,073.59		
Pupil caretakers and laborers	2,443.32		
Rent	4,450.00		
Telephone service	375.68		
Water supply	256.76		
All other expenses	577.21		
Total	$153,475.97		$153,475.97
Schools, Jonathan Bourne Prize Fund.			
Cash prizes for essays	$60.00		
Total	$60.00		$60.00
Schools, Sylvia Ann Howland Fund.			
Books	$257.54		
Musical instruments and supplies	520.98		
Periodical subscriptions	564.90		
Typewriters	210.00		
All other charges	316 50		
Total	$1,869.92		$1,869.92

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Schools, Charles S. Paisler High School Fund.			
Books and periodicals	$286.17		
Graduation expenses	100.00		
Equipment supplies	605.00		
Music supplies	189.65		
Total	$1,180.82		$1,180.82
Schools, Smith-Hughes Fund.			
Continuation schools, pay rolls	$5,709.56		
Vocational school, pay rolls	11,521.36		
Total	$17,230.92		$17,230.92
Vocational School, George Reed Fund.			
Pay rolls	$39.90		
Total	$39.90		$39.90
Vocational School for Girls.			
Arbitrators		$150.00	
Construction contractor		214,123.48	
Sewer service		517.62	
Water service		174.78	
Total		$214,965.88	$214,965.88
New Bedford Textile School.			
Contribution for maintenance	$10,000.00		
Total	$10,000.00		$10,000.00
Total, Schools			$1,980,523.41

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
LIBRARIES.			
Free Public Library.			
Salaries and wages	$57,579.39		
Books and binding	871.57		
Fixtures and furniture repairs	112.95		
Fuel charges at branches	251.26		
Janitor supplies and laundry	479.66		
Lighting charges	448.99		
Minor building repairs	114.51		
Printing and stationery	552.56		
Telephone service	244.16		
Transportation of books	205.63		
All other expenses	366.53		
Total	$61,227.21		$61,227.21
Library, James B. Congdon Fund.			
Books	$4.39		
Newspapers and periodicals	16.00		
All other expenses	5.50		
Total	$25.89		$25.89
Library, George O. Crocker Fund.			
Books	$66.59		
Binding	393.60		
All other expenses	10.40		
Total	$470.59		$470.59
Library, Oliver Crocker Fund.			
Books	$18.16		
Printing	56.70		
Total	$74.86		$74.86
Library, George Howland, Jr. Fund.			
Books	$60.00		
Newspapers and periodicals	16.20		
All other expenses	32.75		
Total	$108.95		$108.95
Library, Sylvia Ann Howland Fund.			
Books	$502.29		
Binding	882.75		
Newspapers and periodicals	451.81		
Printing and stationery	277.96		
All other expenses	55.43		
Total	$2,170.24		$2,170.24

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Library, Kempton Fund, GIFT OF SARAH E. POTTER.			
Books	$6,923.88		
Binding	2,312.75		
Newspapers and periodicals	1,344.41		
Printing and stationery	390.88		
All other expenses	228.45		
Total	$11,200.37		$11,200.37
Library, Charles W. Morgan Fund.			
Books	$17.70		
Printing and stationery	18.75		
All other expenses	12.83		
Total	$49.28		$49.28
Library, Charles L. Wood Fund.			
Books	$54.48		
Newspapers and periodicals	7.50		
Printing and stationery	20.50		
Total	$82.48		$82.48
Library, Mary D. McCoughtry Legacy.			
Books	$256.58		
Binding	434.45		
Newspapers and periodicals	26.70		
Printing and stationery	266.53		
All other charges	36.66		
Total	$1,020.92		$1,020.92
Total, Libraries			$76,430.79

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
RECREATION.			
Park Commission.			
Pay rolls, salaries and wages	$45,411.52		
Pay rolls, compensation	722.14		
Pay rolls, pensions	734.60		
Accident account	300.00		
Animals and animal supplies	1,143.11		
Buildings, fences and repairs	1,196.08		
Equipment and repairs	1,066.35		
Fuel	999.85		
Hardware, tools and fittings	156.71		
Lighting charges	844.38		
Motors and maintenance	1,105.07		
Office and traveling expenses	256.17		
Plants, seeds and shrubs	402.83		
Roads, grounds and walks	591.34		
Telephone charges	200.92		
Water supply	327.18		
All other expenses	214.40		
Total	$55,672.65		$55,672.65
Public Baths			
Pay rolls, attendants	$7,464.31		
Equipment, fittings and supplies	1,201.79		
Laundry	92.01		
Lighting	96.35		
Raft repairs	528.59		
Water supply	187.48		
All other expenses	278.06		
Total	$9,848.59		$9,848.59
Playgrounds.			
Pay rolls, attendants	$3,840.03		
Equipment, repairs and supplies	154.71		
Total	$3,994.74		$3,994.74
State Parks and Reservations.			
State charges	$2,639.49		
Total	$2,639.49		$2,639.49
Total, Recreation			$72,155.47

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
UNCLASSIFIED.			
Memorial Day.			
Advertising and printing	$50.70		
Carriage and horse hire	188.00		
Flags and flowers	850.75		
Grave markers	84.75		
Music	693.60		
All other expenses	88.26		
Total	$1,956.06		$1,956.06
Court Judgment.			
For personal injuries	$250.00		
Total	$250.00		$250.00
Total, Unclassified			$2,206.06
PUBLIC SERVICE ENTERPRISES.			
New Bedford Water Works.			
Salaries, superintendent and office	$42,933.46		
Other salaries and wages	114,694.49	$24,514.53	
Office and traveling expenses	5,074.39		
Maintenance and extension charges	38,510.65	13,727.13	
New force main charges		17,419.08	
Total	$201,212.99	$55,660.74	$256,873.73
Water Works, C. 400, 1924.			
Charges for rebuilding		$340.00	
Total		$340.00	$340.00
Department of Wharves.			
Salary of wharfinger	$500.00		
Repairs	1,051.89		
Water supply	8.83		
Lighting	131.52		
All other charges	56.42		
Total	$1,748.66		$1,748.66
Total, Public Service Enterprises			$258,962.39

PAYMENTS

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
CEMETERIES.			
Cemetery Board.			
Pay rolls, superintendent and clerks	$5,832.05		
Pay rolls, labor and teaming	47,043.33		
Pay rolls, compensation	730.68		
Brick, cement, pipe and sand	644.90		
Building repairs and supplies	801.98		
Fuel	565.75		
Ground keeping supplies	474.38		
Hardware and tools	873.85		
Motors and maintenance	1,316.36	$500.00	
Office expenses and supplies	450.65		
Police service	694.84		
Telephone service	225.44		
Water supply	103.73		
All other expenses	133.65		
Total	$59,891.59	$500.00	$60,391.59
Cemetery, 6% Fund.			
Charges for perpetual care	$1,809.55		
Total	$1,809.55		$1,809.55
Total, Cemeteries			$62,201.14

OBJECTS OF PAYMENTS	Expenses	Indebtedness	Total
INTEREST AND INDEBTEDNESS.			
Interest.			
On bonded debt	$443,415.00		
On temporary loans	156,068.97		
On trust funds	1,619.10		
On taxes refunded	658.12		
Total	$601,761.19		$601,761.19
Indebtedness.			
Bonds paid from revenue	$1,180,000.00		
Bonds paid from sinking funds		$14,000.00	
Notes paid, temporary loan, 1930		1,320,000.00	
Notes paid, temporary loan, 1931		5,510,000.00	
Warrants of prior year		256,735.45	
Total	$1,180,000.00	$7,100,735.45	$8,280,735.45
Total, Interest and Indebtedness			$8,882,496.64

PAYMENTS

OBJECTS OF PAYMENTS		Temporary Accounts	Total
AGENCY, TRUST AND INVESTMENT.			
Agency.			
Bristol County tax		$231,375.47	
State tax		193,875.00	
Total		$425,250.47	$425,250.47
Trust and Investment.			
Cash discrepancies		$1,225.27	
Cemetery perpetual care deposits		14,110.80	
Department advances		175.03	
Highway deposits		3,453.45	
Payroll tailings		73.59	
Salary advances		17,491.82	
Sewer deposits		3,987.30	
Total		$40,517.26	$40,517.26
Total, Agency, Trust and Investment			$465,767.73
REFUNDS.			
Taxes of 1931		$3,715.14	
Taxes of prior years		28,755.38	
Tax title account		22.49	
Old age assistance taxes		5.00	
Bank taxes		26.91	
Corporation taxes		137.63	
Costs on taxes		20.94	
Water rates		316.77	
Total, Refunds		$33,000.26	$33,000.26
Total Payments			$14,911,317.43
Cash at the end of the year			136,334.49
Total			$15,047,651.92

SUMMARY.

CLASSIFICATION	Revenue for Expenses	Revenue for other Purposes	Expenses	Outlays and Special Charges
Taxes	$5,878,628.55			
Licenses and permits	15,939.92			
Fines and forfeits	10,187.43			
Grants and gifts	131,572.74			
Special assessments	8,653.35			
General government	12,170.01		$250,560.97	$767.63
Protection of persons and property	2,713.54		1,065,592.52	2,137.50
Health and sanitation	39,566.14		394,843.12	3,054.58
Highways	83,705.55		401,240.10	19,149.86
Charities	79,897.14		732,810.23	3,165.00
Soldiers benefits	5,426.87		167,835.55	
Schools	48,033.04		1,764,840.92	214,965.88
Libraries	1,252.80		76,430.79	
Recreation	4,545.55		72,155.47	
Unclassified			2,206.06	
Public service enterprises	363,155.34	$3,625.00	193,056.57	56,000.74
Cemeteries	43,456.65		56,334.66	500.00
Interest	75,798.64		601,761.19	
Indebtedness		7,091,711.14	1,180,000.00	7,086,735.45
Sinking funds		14,000.00		14,000.00
Agency, trust and investment		465,127.93		465,767.73
Refunds		1,559.90		33,000.26
Transfers and duplications		52,404.65		52,404.65
	$6,804,703.26	$7,628,428.62	$6,959,668.15	$7,951,649.28

Revenue for expenses	$6,804,703.26	Current expenses	$6,959,668.15
Revenue for other purposes	7,628,428.62	Outlays and other charges	7,951,649 28
	$14,433,131.88		$14,911,317.43
Cash at the beginning of the year	614,520.04	Cash at the end of the year	136,334.49
	$15,047,651.92		$15,047,651.92

STATEMENT OF THE BONDED DEBT AND SINKING FUNDS OF THE CITY OF NEW BEDFORD, NOVEMBER 30, 1931.

LOANS	Date	*Interest Rate	When Due	Amount Outstanding
Duplicate Water Supply Main	June 1, 1910	4	June 1, (5)	$45,000.00
" " " "	Sept. 1, 1910	4	Sept. 1, (3)	27,000.00
Water Works, C. 65, 1911	May 1, 1911	4	May 1, (5)	50,000.00
" " C. 75, 1912	May 1, 1912	4	May 1, (5)	50,000.00
" " C. 232, 1921	May 1, 1921	5¼	May 1, (17)	170,000.00
" " C. 232, 1921	May 1, 1921	5¼	May 1, 1942 (16A)	160,000.00
" " C. 232, 1921	Nov. 1, 1921	4¾	Nov. 1, (7)	70,000.00
" " C. 232, 1921	Nov. 1, 1921	4¾	Nov. 1, 1942 (6A)	60,000.00
" " C. 65, 1923	Apr. 1, 1923	4	Apr. 1, (7)	84,000.00
" " C. 65, 1923	Apr. 1, 1923	4	Apr. 1, 1944 (6A)	60,000.00
" " C. 65, 1923	Mar. 1, 1924	4¼	Mar. 1, (5)	115,000.00
" " C. 400, 1924	Nov. 1, 1926	4	Nov. 1, (5)	125,000.00
" " C. 400, 1924	Feb. 1, 1927	4	Feb. 1, (2)	52,000.00
" " Loan of 1930	Apr. 1, 1930	4	Apr. 1, (8)	192,000.00
Highways, Permanent Improvement, Loan No. 1, 1922	July 1, 1922	4½	July 1, (50)	50,000.00
" " " " No. 2, 1922	July 1, 1922	4½	July 1. (10)	10,000.00
" " " " No. 3, 1922	July 1, 1922	4½	July 1. (10)	10,000.00
" " " " No. 4, 1922	Nov. 1, 1922	4¼	Nov. 1, (4)	4,000.00
" " " " No. 5, 1922	Nov. 1, 1922	4¼	Nov. 1, (2)	2,000.00
" " " " No. 1, 1923	Apr. 1, 1923	4¾	Apr. 1, (50)	100,000.00
" " " " No. 2, 1923	July 1, 1923	4½	July 1, (10)	20,000.00
" " " " No. 1, 1924	Mar. 1, 1924	4¼	Mar. 1, (20)	60,000.00
" " " " No. 2, 1924	Mar. 1, 1924	4¼	Mar. 1, (40)	120,000.00
" " " " No. 1, 1925	Mar. 1, 1925	4	Mar. 1, (25)	100,000.00
" " " " No. 2, 1925	Mar. 1, 1925	4	Mar. 1, (25)	100,000.00
" " " " No. 3, 1925	Oct. 1, 1925	4¼	Oct. 1, (10)	40,000.00
" " " " No. 1, 1926	Apr. 1, 1926	4	Apr. 1, (20)	100,000.00
" " " " No. 2, 1926	Apr. 1, 1926	4	Apr. 1, (35)	175,000.00
" " " " No. 1, 1927	May 1, 1927	3¾	May 1, (40)	240,000.00
" " " " No. 1, 1928	May 1, 1928	3¾	May 1, (40)	280,000.00
" " " " No. 1, 1929	June 1, 1929	4½	June 1, (40)	320,000.00
" " " " No. 1, 1930	Apr. 1, 1930	4	Apr. 1, (40)	360,000.00
School Purposes, C. 123, 1911	Sept. 1, 1912	4	Sept. 1, (8)	8,000.00
" " C. 173, 1917	Nov. 1, 1918	4½	Nov. 1, (1)	3,000.00
" " C. 173, 1917	May 1, 1919	4½	May 1, (7)	7,000.00
" " C. 173, 1917	May 1, 1919	4½	May 1, 1933 (6A)	42,000.00
" " No. 1, 1917	Apr. 1, 1917	4	Apr. 1, (2)	10,000.00
" " No. 1, 1917	Apr. 1, 1917	4	Apr. 1, 1937	1,000.00
" " C. 131, 1916	Sept. 1, 1917	4½	Sept. 1, (7)	42,000.00
Schoolhouse Loan, C. 100, 1919	May 1, 1920	5½	May 1, (7)	63,000.00
" " C. 105, 1919	Feb. 1, 1921	5	Feb. 1, (14)	140,000.00
" " No. 1 of 1920	June 1, 1920	5¼	June 1, (1)	9,000.00
" " of 1923	July 1, 1923	4¼	July 1, (1)	12,000.00
" " No. 2 of 1923	July 1, 1923	4¼	July 1, (2)	24,000.00
School Loan, Act of 1920	July 1, 1920	5¼	July 1, (4)	36,000.00
" " " " 1920	May 1, 1921	5½	May 1, (25)	250,000.00
" " " " 1920	Aug. 1, 1921	5	Aug. 1, (25)	250,000.00
" " " " 1920	Dec. 1, 1921	4¼	Dec. 1, (33)	33,000.00
" " " " 1920	Dec. 1, 1921	4¼	Dec. 1, 1932 (32A)	320,000.00
" " " " 1920	July 1, 1922	4	July 1, (3)	33,000.00
" " " " 1920	Nov. 1, 1922	4¼	Nov. 1, (3)	33,000.00
" " " " 1920	Apr. 1, 1923	4	Apr. 1, (2)	24,000.00
" " " " 1920	Nov. 1, 1924	4	Nov. 1, (1)	13,000.00
" " " " 1920	July 1, 1925	4	July 1, (4)	56,000.00
" " " " 1920	Feb. 1, 1927	4	Feb. 1, (13)	65,000.00
" " " " 1920	Feb. 1, 1927	4	Feb. 1, 1937 (12A)	132,000.00
" " " " 1921	Feb. 1, 1927	4	Feb 1, (12)	192,000.00
" " " " 1922	Oct. 1, 1925	4¼	Oct. 1, (5)	70,000.00
" " " " 1922	Apr. 1, 1926	4	Apr. 1, (15)	225,000.00
" " " " 1922	July 1, 1926	4	July 1, (18)	90,000.00
" " " " 1922	July 1, 1926	4	July 1, 1937 (17A)	170,000.00
" " " " 1926	Sept. 1, 1928	4½	Sept. 1, (10)	120,000.00
" " " " 1926	Oct. 1, 1930	3¾	Oct. 1, (15)	210,000.00
New High School C. 385, 1903	Jan. 1, 1912	4	Jan. 1, (5)	5,000.00
" " " C. 143, 1909	June 1, 1912	4	June 1, (2)	2,000.00
Sewer Construction	Mar. 1, 1902	3½	Mar 1, 1932 (S.F.)	30,000.00
" "	Dec. 1, 1903	4	Dec. 1, 1933 (S.F.)	30,000.00
" "	July 1, 1905	4	July 1, 1935 (S.F.)	62,000.00
" " C. 184, 1907	Oct. 1, 1907	4	Oct. 1, (8)	48,000.00
" " C. 131, 1911	May 1, 1911	4	May 1, (5)	50,000.00
" " C. 76, 1912	June 1, 1912	4	June 1, (5)	55,000.00
" " C. 183, 1913	July 1, 1913	4	July 1, (3)	6,000.00
" " C. 183, 1913	July 1, 1913	4½	July 1, 1934 (3A)	30,000.00
" " No. 1, 1914	Apr. 1, 1914	4	Apr. 1, (2)	6,000.00
" " No. 1, 1914	Apr. 1, 1914	4	Apr. 1, 1935 (1A)	10,000.00
" " C. 104, 1919	Apr. 1, 1919	4½	Apr. 1, (5)	40,000.00
" " C. 248, 1920	May 1, 1920	5	May 1, (8)	152,000.00
" " C. 175, 1921	Apr. 1, 1921	5¼	Apr. 1, (3)	60,000.00
" " C. 288, 1922	July 1, 1922	4	July 1, (9)	9,000.00
" " C. 288, 1922	July 1, 1922	4	July 1, 1933 (8A)	160,000.00
" " C. 64, 1923	Apr. 1, 1923	4	Apr. 1, (7)	84,000.00
" " C. 64, 1923	Apr. 1, 1923	4	Apr. 1, 1944 (6A)	60,000.00
" " C. 177, 1924	July 1, 1924	4	July 1, (8)	24,000.00
" " C. 177, 1924	July 1, 1924	4	July 1, 1935 (7A)	70,000.00
" " C. 162, 1925	July 1, 1925	4	July 1, (8)	32,000.00
" " C. 162, 1925	July 1, 1925	4	July 1, 1936 (7A)	70,000.00
" " C. 165, 1926	Feb. 1, 1927	4	Feb. 1, (8)	48,000.00
" " C. 165, 1926	Feb. 1, 1927	4	Feb. 1, 1938 (7A)	70,000.00
Sewer Loan, No. 1, 1915	Mar. 1, 1915	4	Mar. 1, (1)	14,000.00
" " " 1, 1916	Apr. 1, 1916	4	Apr. 1, (2)	10,000.00
" " " 1, 1916	Apr. 1, 1916	4	Apr. 1, 1937 (1A)	10,000.00
" " " 2, 1916	Aug. 1, 1916	4	Aug. 1, (2)	10,000.00
" " " 2, 1916	Aug. 1, 1916	4	Aug. 1, 1937 (1A)	10,000.00
Sewer Loan, 1917	Apr. 1, 1917	4	Apr. 1, (2)	12,000.00
" " "	Apr. 1, 1917	4	Apr. 1, 1938 (1A)	10,000.00
" " No. 1, 1919	Feb. 1, 1919	4½	Feb. 1, (2)	16,000.00
" " No. 1, 1919	Feb. 1, 1919	4½	Feb 1, 1940 (1A)	10,000.00
" " No. 1, 1921	Nov. 1, 1921	4¾	Nov. 1, (1)	20,000.00
Sewage Disposal, C. 474, 1910	Dec. 1, 1911	4	Dec. 1, (3)	33,000.00
" " " "	June 1, 1912	4	June 1, (3)	33,000.00
" " " "	Sept. 1, 1912	4	Sept. 1, (3)	33,000.00
" " " "	Mar. 1, 1913	4	Mar. 1, (3)	36,000.00
" " " "	June 1, 1913	4	June 1, (6)	12,000.00
" " " "	June 1, 1913	4½	June 1, 1934 (6A)	60,000.00
" " " "	Sept. 1, 1913	4¼	Sept. 1, (5)	60,000.00
" " " "	July 1, 1914	4	July 1, (2)	6,000.00
" " " "	July 1, 1914	4	July 1, 1935 (1A)	10,000.00
" " " "	Dec. 1, 1914	4	Dec. 1, (3)	42,000.00
" " " "	Mar. 1, 1915	4	Mar. 1, (4)	56,000.00
" " " "	Oct. 1, 1915	4	Oct. 1, (2)	28,000.00
" " " "	Mar. 1, 1916	4	Mar. 1, (5)	75,000.00
" " " "	Dec. 1, 1916	4	Dec. 1, (1)	16,000.00
" " " "	Jan. 1, 1917	4	Jan. 1, (2)	10,000.00
" " " "	Jan. 1, 1917	4	Jan. 1, 1937 (1A)	11,000.00
" " " "	June 1, 1917	4½	June 1, (4)	64,000.00
" " " "	Aug. 1, 1917	4½	Aug. 1, (1)	16,000.00
" " " "	Nov. 1, 1918	4½	Nov. 1, (3)	51,000.00
Park Purposes, C. 150, 1892	Apr. 1, 1892	4	Apr. 1, 1942 (S.F.)	100,000.00
" " C. 140, 1898	July 1, 1901	3½	July 1, 1951 (S.F.)	28,000.00
" " C. 140, 1898	Jan. 1, 1907	4	Jan. 1, 1957 (S.F.)	72,000.00
Park Land	Apr. 1, 1914	4	Apr. 1, (1)	13,000.00
" "	July 1, 1922	4	July 1, (1)	4,000.00
New Bedford and Fairhaven Bridge	Jan. 1, 1907	4	Jan. 1, 1957 (S.F.)	777,000.00
Taunton Great River Bridge	Oct. 1, 1910	4	Oct. 1, (1)	9,000.00
Bridge Loan, 1915	Mar. 1, 1915	4	Mar. 1, (1)	3,000.00
Fire Station Loan, C. 247, 1915	Mar. 1, 1916	4	Mar. 1, (7)	35,000.00
" " " C. 132, 1916	July 1, 1917	4½	July 1, (2)	12,000.00
Police Station Loan, No. 1, 1916, Chap. 152	July 1, 1917	4½	July 1, (1)	6,000.00
" " " No. 2, 1916, Chap. 152	July 1, 1917	4½	July 1, (1)	6,000.00
" " " No. 3, 1916, Chap. 152	July 1, 1917	4½	July 1, (5)	30,000.00
" " " No. 4, 1916	July 1, 1916	4	July 1, (2)	10,000.00
Municipal Building Loan, No. 1, 1916	May 1, 1916	4	May 1, (3)	9,000.00
" " " No. 1, 1916	May 1, 1916	4	May 1, 1935 (1A)	2,000.00
Municipal Hospital Loan, C. 170, 1917	Nov. 1, 1918	4½	Nov. 1, (3)	3,000.00
" " " C. 170, 1917	Nov. 1, 1918	4½	Nov. 1, 1933 (2A)	12,000.00
" " " C. 170, 1917	May 1, 1919	4½	May 1, (7)	56,000.00
Purchase Street Widening, C. 589, 1913	Nov. 1, 1913	4	Nov. 1, (19)	38,000.00
Union Street Widening, C. 609, 1913	Nov. 1, 1913	4	Nov. 1, (6)	12,000.00
Pope's Island Sea Wall	July 1, 1922	4½	July 1, (2)	2,000.00
Clark's Cove Sea Wall Loan	July 1, 1923	4¼	July 1, (1)	2,000.00
Land and Building Loan	Aug. 1, 1919	4½	Aug. 1, (3)	24,000.00
Building Loan, 1920	May 1, 1920	5½	May 1, (2)	10,000.00
" " 1920	May 1, 1920	5½	May 1, 1937 (1A)	4,000.00
" " 1922	Nov. 1, 1922	4¼	Nov. 1, (2)	22,000.00
" " No. 1, 1924	Mar. 1, 1924	4¼	Mar. 1, (5)	65,000.00
" " No. 1, 1926	Apr. 1, 1926	4	Apr. 1, (7)	105,000.00
Garbage Disposal Loan	Mar. 1, 1921	5	Mar. 1, (8)	72,000.00
Garbage Disposal Loan	Mar. 1, 1921	5	Mar. 1, 1941	7,000.00
				$9,571,000.00

SYMBOLS

* Interest payable semi-annually.
(1) $1,000.00 payable annually.
(1A) $1,000.00 payable annually from date.
(S.F.) Secured by sinking funds.

SINKING FUNDS

Bridge loan,	$469,496.35
Sewer loans,	122,000.00
Park loans,	194,731.81
	$786,228.16

BONDED DEBT

Gross debt,	$9,571,000.00
Sinking funds,	786,228.16
Net debt,	$8,784,771.84

STATEMENT OF TEMPORARY REVENUE LOANS OUTSTANDING, NOVEMBER 30, 1931.

Notes in Anticipation of Revenue of 1931	Date of Issue	Date Due	Discount Rate
$780,000.00	Aug. 17, 1931	April 15, 1932	.03
600,000.00	Aug. 17, 1931	May 17, 1932	.03

BALANCE SHEET OF THE CITY OF NEW BEDFORD

NOVEMBER 30, 1931

ASSETS

Cash in treasury	$136,334.49
Taxes receivable	1,511,618.67
Accounts receivable	161,314.86
Due for advances	1,232.61
Current assets	$1,810,500.63
Trust funds, cash and investments	956,620.57
Sinking funds, cash and investments	786,228.16
City property as scheduled	32,645,223.00
	$36,198,572.36

LIABILITIES

Notes payable, temporary loans	$1,380,000.00
Warrants payable	201,711.14
Overlay deficit	17,366.67
Balances, deposit accounts	6,389.86
Balances, trust fund income accounts	3,687.36
Improvement account balances	127,930.64
Reserve for unpresented debt charges	12,052.50
Current liabilities	$1,749,138.17
Library and school funds	410,722.70
Cemetery perpetual care funds	463,209.43
Soldiers and sailors memorial fund	82,688.44
Due cemetery perpetual care fund	26,734.93
Bonds outstanding	9,571,000.00
Total liabilities	$12,303,493.67
Balance	23,895,078.69
	$36,198,572.36

CERTIFICATES.

I certify that I have examined the deposits and securities representing the investments of the sinking funds of the City of New Bedford and the several trust funds in the custody of the commissioners, trustees and treasurer, and find that the same agreed with the reports for the financial year 1931, rendered by said commissioners, trustees and treasurer to the City Council.

CHARLES J. McGURK,
City Auditor.

We certify that we have examined the foregoing report and statements of the City Auditor and believe the same to be correct.

ERNEST E. LAVERTU,
HENRY S. GORNER,
WILLIAM MARTIN.

Sub-committee of the joint standing committee on finance, appointed to examine the books and accounts of the City Treasurer and City Auditor.

The foregoing report and statements of the City Auditor are approved.

JOHN A. STITT,
ROBERT UPTON,
BERNARD KESTENBAUM,
THOMAS P. OSBORNE,
Committee on Audit.

In Board of Aldermen,
March 24, 1932.

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

In Common Council,
March 24, 1932.

Concurred.

RUTH G. HILTON,
Clerk.

City of New Bedford,

April 1, 1932.

To the City Council Committee on Finance:

Gentlemen:—The sub-committee on the valuation of City Property reports herewith a list of City Property and its value. The valuation of real estate has been secured from the Board of Assessors, and the valuation of other property has been secured from the officers in charge of the several departments. The entire valuation is believed by your sub-committee to be a fair valuation of the city property.

JOHN A. STITT,
LEWIS F. PEIRCE.

LSD.

SCHEDULE AND VALUATION OF CITY PROPERTY

JANUARY 1, 1932.

BOARD OF APPEALS:	$107.00	$107.00
BOARD OF ASSESSORS:		
Office fixtures, furniture and furnishings	$7,023.00	$7,023.00
BOARD OF HEALTH:		
Furniture and equipment in office and bacteriological laboratory	$9,000.00	
Disinfecting apparatus	75.00	
Dental Clinics	7,000.00	
Board of Health Clinic	3,000.00	
Well Baby Clinics	400.00	
Furniture, bedding, etc. small pox hospital	400.00	
Ambulance at small pox hospital	200.00	
Partial equipment of Isolation Hospital	3,500.00	
Buildings used as small pox hospitals	1,400.00	
Isolation Hospital Buildings	59,850.00	
Land at Isolation Hospital	88,300.00	
Land at small pox hospital	53,900.00	
Clark's Point burial ground	800.00	
Hospital emergency equipment (Municipal Bldg.)	75.00	
1 Ford Sedan	100.00	
1 Willys-Knight Sedan	700.00	
1 Chevrolet Sedan	734.00	
1 Chevrolet Coach	50.00	
1 De Soto Coupe	500.00	
1 Nash Sedan	500.00	
1 Studebaker Sedan	1,800.00	
Garbage Plant, Land, Bldgs. and Machinery	102,200.00	
		$334,484.00
BOARD OF PUBLIC WELFARE:		
City Infirmary—Land	266,250.00	
City Infirmary—Buildings	67,675.00	
Furniture, furnishings, live stock and equipment	28,291.00	
Office furniture, supplies, etc.	6,100.00	
		$368,316.00
CEMETERY BOARD:		
Oak Grove Cemetery	78,225.00	
Old Burying Ground, Second St.	10,325.00	
Pine Grove Cemetery	108,850.00	
Rural Cemetery	299,100.00	
Tools, machinery, wagons and equipment	2,625.00	
Office fixtures, furniture, etc.	10,625.00	
		$509,750.00

CITY AUDITOR:		
Office fixtures, furniture, etc.	2,015.00	$2,015.00
CITY CLERK:		
Office fixtures, furniture, etc.	9,000.00	$9,000.00
CITY MESSENGER:		
Miscellaneous supplies on hand	950.00	$950.00
CITY ENGINEER:		
Office fixtures, furniture, etc.	17,297.00	
2 Ford Sedans	1,397.00	
1 Studebaker Sedan	945.00	
2 Chevrolet Coaches	1,409.00	
		$21,048.00
CITY SOLICITOR:		
Office fixtures, furniture, etc.	2,015.00	
Law Library	2,525.00	
		$4,540.00
CITY TREASURER:		
Office fixtures, furniture, etc.	3,069.00	$3,069.00
CLERK OF COMMITTEES:		
Office fixtures, furniture, etc.	2,000.00	$2,000.00
ELECTIONS:		
Ballot boxes and voting paraphernalia	7,500.00	$7,500.00
FIRE DEPARTMENT:		
No. 1 Engine House and lot	41,150.00	
No. 2 Engine House and lot	152,500.00	
No. 3 Engine House and lot	34,375.00	
No. 4 Engine House and lot	22,700.00	
No. 5 Engine House and lot	46,800.00	
No. 6 Engine House and lot	18,175.00	
No. 7 Engine House and lot	24,750.00	
No. 8 Engine House and lot	45,975.00	
No. 9 Engine House and lot	3,525.00	
No. 10 Engine House and lot	30,125.00	
No. 11 Engine House and lot	34,800.00	
	$454,875.00	
Steam Fire Engine No. 1	500.00	
Steam Fire Engine No. 4	500.00	
Steam Fire Engine No. 7	500.00	
7 Ahrens-Fox Engines	75,000.00	
1 Webb Engine	1,000.00	
1 White Engine	6,000.00	
3 Locomobile (Chemicals)	6,000.00	
1 Foamite Chemical	3,000.00	
1 White Hose Wagon with booster equipment	5,000.00	
1 Studebaker Truck	100.00	

2 Moon Runabouts	250.00	
3 Chrysler Roadsters	3,000.00	
1 G. M. C. Hose Wagon with booster equipment	4,000.00	
1 Dodge Truck	600.00	
1 Winton Touring car	250.00	
1 White truck	1,500.00	
1 Buick Coupe	800.00	
1 City Service truck	10,000.00	
4 Electric Aerial trucks	40,000.00	
Fire Alarm Telegraph and equipment	115,000.00	
Hose and connections	22,000.00	
Sundries and furnishings as per inventory	10,000.00	
		$759,875.00

FREE PUBLIC LIBRARY:

Land and Buildings	631,100.00	
Books, pictures, etc.	153,000.00	
		$784,100.00

INSPECTOR OF WIRES:

Office fixtures, furniture, etc.	1,770.00	
4 Ford Coupes at $200. each	800.00	
Police Signal System	30,000.00	
Cable, wire and tools	4,660.00	
1 Ford Runabout	50.00	
Land and Building No. 40 So. Second St.	9,000.00	
		$46,280.00

INTERCEPTING SEWER:

Belleville Ave. Station, land, bldg. and equipment	41,233.43	
Cove Rd. Station, land, bldg. and equipment	32,721.86	
Howland St. Station, bldg. and equipment	14,086.74	
Screening Station, land, bldg. and equipment (Rodney French Blvd. West)	128,325.36	
Howard Ave. Station, bldg. and equipment	52,264.88	
Sewer System	1,090,799.97	
Wharf	7,655.37	
Sewer Cleaning Outfit	2,344.03	
1 Reo truck $1500., 1 Chevrolet Coupe $720.	2,220.00	
		$1,371,651.00

LABOR SERVICE REGISTRAR:

Office fixtures and furniture	$135.00	$135.00

LICENSING BOARD:

Office fixtures, furniture, etc.	$1,875.00	$1,875.00

MAYOR'S OFFICE:

Office fixtures, furniture, etc.	$4,000.00	$4,000.00

NEW BEDFORD VOCATIONAL SCHOOL:

Fixtures, machinery, shop material, etc.	114,439.00	
Land and Bldgs. at Hillman Street	314,625.00	
		$429,064.00

NEW BEDFORD WATER WORKS:

Acushnet Supply	$400,000.00	
Quittacas Supply	1,930,000.00	
Pocksha Supply	177,000.00	
Distribution and other items	3,567,000.00	
Workshop, pipe yard and garage	124,000.00	
Gears and Wagons	425.00	
3 White Trucks—1 @ $380—1 @ $200 1 @ $600	1,180.00	
1 Peerless Truck 5 T.	150.00	
1 Franklin Touring Car	50.00	
2 Franklin Sedans—1 @ $1500—1 @ $700	2,200.00	
Bucyrus Steam Shovel	4,000.00	
Bucyrus Steam Derrick	4,500.00	
1 Mack Truck 5 T.	500.00	
Clamshell Bucket	450.00	
⅝ yd. Dipper	450.00	
1 Erskine ¾ T. Truck	400.00	
1 Studebaker ½ T. Truck with gate operating device	1,500.00	
1 Studebaker Coupe	800.00	
1 Studebaker Sedan	900.00	
1 Chevrolet Roadster	100.00	
1 Federal Truck 2½ T.	200.00	
1 Studebaker Truck ¾ T.	700.00	
1 Air Compressor on Ford Chassis	400.00	
3 Horses	300.00	
1 Reo Truck 1¼ T.	100.00	
Studebaker Dictator Sedan	800.00	
1 Sprayer	1,000.00	
Gasoline Locomotive	5,000.00	
5 Dump cars—2 Flat cars	1,050.00	
1 Wilford Gasoline Clamshell shovel	3,000.00	
1 Fordson Tractor	2,000.00	
Pipe, Castings, Hydrants, Water Gates, Tools, Etc.	141,727.01	
Office Fixtures, Furniture, Plans, etc.	23,235.50	
		$6,395,117.00

PARK COMMISSION:

Bridge Park	$27,975.00
Buttonwood Park	272,950.00
Brooklawn Park	503,250.00
Common	96,950.00
Hathaway Playground	19,275.00
Grove Park	40,950.00
Hazelwood Park	174,250.00
Ashley Park	39,525.00
Triangle Park	1,400.00
Logan Street Playground	8,675.00
John Polocz land	350.00
Marine Park	105,900.00

Office furniture, fixtures, etc.	1,000.00	
1 Chrysler Coupe	400.00	
1 Ford truck	500.00	
Animals	1,000.00	
Tools and working implements	5,000.00	
Athletic apparatus	2,000.00	
Shore land	6,875.00	
Land e. s. Rodney French Blvd. east	2,475.00	
Battery D Square	1,425.00	
Land—Pleasant, Grinnell and County Streets	5,275.00	
Land—North and Hillman Streets	6,075.00	
Brooklawn Park buildings	11,650.00	
Victory Park grandstand	33,400.00	
Buttonwood Park buildings	25,525.00	
Thomas B. Tripp playground	1,625.00	
Hazelwood Park buildings	25,450.00	
		$1,421,125.00

POLICE DEPARTMENT:

Police Station, Blackmer Street	18,725.00	
Central Police Station and Garage	281,275.00	
Police Station, Kempton and Cedar Streets	29,450.00	
Police Station, Ashley Blvd. and Weld Street	19,375.00	
1 Studebaker ambulance	1,800.00	
1 Studebaker ambulance	2,200.00	
1 White Patrol wagon	300.00	
1 Graham Paige sedan	700.00	
1 Paige Touring car	50.00	
1 Marmon Sedan	1,200.00	
1 Graham Sedan	1,200.00	
1 Ford Truck	25.00	
1 Indian Chief motorcycle No. 1	400.00	
1 Indian Chief motorcycle No. 2	400.00	
1 Indian Chief motorcycle No. 3	50.00	
1 Indian motorcycle No. 4	225.00	
1 Indian motorcycle No. 5	400.00	
1 Indian motorcycle No. 6	225.00	
5 sidecars and equipment	200.00	
255 Revolvers	2,500.00	
10 Riot guns	150.00	
Gasoline pump and tank	100.00	
Badges	500.00	
Typewriters	484.00	
Metal furniture	6,500.00	
Identification room equipment	550.00	
Miscellaneous equipment and supplies	2,595.00	
		$371,579.00

PUBLIC BATHS:

Buildings and land	66,225.00	
Miscellaneous equipment	2,000.00	
		$68,225.00

PUBLIC BUILDINGS, LAND AND OTHER PROPERTY:

Land, Phillips Road, Stevens and Cawley Sts.	$11,525.00	
Building n. s. Willis St., west of Purchase St.	3,750.00	
Wardroom 610 Purchase St.	3,100.00	
Land, west side of Liberty St.	25.00	
Veteran Firemen's Bldg., High and Foster Sts.	6,225.00	
Land, Mechanics, Elm, Sixth and Pleasant Sts.	209,350.00	
Municipal Building William and Pleasant Sts.	733,750.00	
Land. Lambeth, Edgewood, Sunderland Sts.	25.00	
Land, n. s. Tarkiln Hill Road, cor. Agawam St.	2,625.00	
Rifle Range, Dartmouth	16,000.00	
Land, north of High Hill Road	25.00	
Furnishings, Council Chambers and Hearing Hall	4,812.00	
Land n. s. Truro St. near River Road	225.00	
North side Carlisle Street	250.00	
Land w. s. Acushnet Ave. corner of Ohio St.	75.00	
North Sanitary Station, Sawyer Street	20,725.00	
South Branch Library, Cove and Stapleton Sts.	52,375.00	
Land, s. e. corner River Road and Truro St.	475.00	
Land, s. e. corner Smith and Emerson Sts.	250.00	
Building under New Bedford—Fairhaven Bridge	200.00	
Shore land, s. s. Cove Road	21,200.00	
		$1,086,987.00

REGISTRARS OF VOTERS:

Office fixtures, furniture, etc.	$3,000.00	$3,000.00

SCHOOL DEPARTMENT:

William H. Taylor, Brock Ave.	$131,125.00
G. H. Dunbar, Dartmouth and Dunbar Sts.	67,750.00
John B. DeValles, Katherine St.	243,550.00
R. C. Ingraham, Blackmer and Second Sts.	122,000.00
I. W. Benjamin, Division St.	47,575.00
J. B. Congdon, Thompson and Hemlock Sts.	145,925.00
Thomas Donaghy, Acushnet Ave. and South Sts.	111,075.00
Thompson Street School	63,425.00
Dartmouth Street School	24,125.00
Acushnet Ave. School	69,150.00
B. B. Winslow, Allen St.	220,075.00
A. F. Wood, Pleasant and Russell Sts.	49,625.00
T. A. Greene, Purchase and Madison Sts.	85,600.00

Harrington School, Court and Liberty Sts.	82,900.00	
S. A. Howland, Kempton and Pleasant Sts.	109,000.00	
Middle Street School land	11,800.00	
High School, Court and County Sts.	866,350.00	
School Committee Rooms, William Street	12,875.00	
T. R. Rodman, Rockdale Ave. and Summit St.	114,000.00	
Cedar Street School	10,825.00	
M. B. White, Maxfield and Pleasant Streets	34,400.00	
Clarence A. Cook, Summer and Mill Sts.	561,675.00	
H. A. Kempton, Shawmut Ave.	86,050.00	
Parker Street School	118,800.00	
Merrimac Street School	22,600.00	
Clark Street School	62,125.00	
J. H. Clifford, Ashley Blvd. and Coggeshall St.	112,750.00	
Cedar Grove St. School	50,175.00	
H. M. Knowlton, County and Coggeshall Sts.	144,275.00	
Phillips Avenue School	62,375.00	
S. D. Ottiwell, Belleville Ave. and Hathaway St.	232,200.00	
John Hannigan School, Emery St.	302,625.00	
Abraham Lincoln, Ashley Blvd. and Glennon St.	198,500.00	
Rockdale School, Hathaway Road	1,600.00	
Plainville Road School	2,375.00	
J. Swift, Lunds Corner	113,650.00	
Acushnet Ave., north of Lunds Corner	2,000.00	
Mt. Pleasant School	687,550.00	
Charles S. Ashley School, Ashley Blvd.	688,100.00	
Normandin Junior High School, Tarkiln Hill Rd.	563,150.00	
Roosevelt Junior High School, Frederick St.	543,175.00	
Portable Buildings	50,313.00	
Continuation Schools	19,000.00	
Sassaquin School	31,600.00	
Furniture and Furnishings	561,380.00	
		$7,841,193.00

SEALER OF WEIGHTS AND MEASURES:

State Standards	$600.00	
Office furniture	200.00	
Working equipment	500.00	
Sealing equipment	80.00	
1 G. M. C. ton truck	400.00	
1 Ford Coupe	150.00	
1 ½ ton Chevrolet truck	125.00	
		$2,055.00

STREET DEPARTMENT:

Municipal Garage	$25,000.00	
Municipal Garage land	1,700.00	
City Yard land, Parker, Smith and Liberty Sts.	24,825.00	
City Yard buildings	36,200.00	
1 Studebaker Sedan	169.50	
1 Jordan Victoria	195.00	
1 Ford Coupe	59.40	
1 Buick Touring	159.50	
1 Chrysler Coupe	89.40	
1 Ford Coupe A	246.00	
1 Ford Coupe A	246.00	
1 Ford Coupe A	246.00	
1 Ford Coupe T	55.50	
1 Ford Coupe A	352.80	
1 Ford Coupe A	352.80	
1 Dodge Coupe T	120.50	
1 Lincoln Sedan	539.00	
1 G. M. C. truck	657.40	
1 G. M. C. truck	657.40	
1 Indiana truck	350.00	
1 Federal truck	258.00	
1 Studebaker truck	536.00	
1 Ford truck	374.00	
1 Ford truck	660.00	
1 Ford Colecto truck	2,382.30	
1 Ford truck	67.00	
1 Ford truck	67.00	
1 Caterpillar tractor	194.00	
1 Elgin Sweeper	588.50	
1 Elgin Sweeper	667.50	
1 Elgin Sweeper	2,626.40	
1 Austin Sweeper	644.50	
1 Buffalo Road Roller	499.00	
1 Buffalo Road Roller	2,260.00	
1 Buffalo Road Roller	3,390.00	
1 Barber Greene Snow Loader	554.80	
1 Barber Greene Snow and Dirt Loader	725.00	
1 Conant Loader	102.50	
1 Haiss Loader	526.50	
1 Ingersoll Rand Air Compressor	276.50	
1 Ingersoll Rand Air Compressor and Drill	276.50	
1 Big Sandy machine	500.00	
1 Netco catch basin cleaner	650.00	
4 Steam Buffalo Road Rollers	1,000.00	
Garage equipment, repair parts to automobiles, trucks, road machinery, tires, oil, etc.	11,514.57	
Office furniture, equipment and supplies	5,097.58	
General tools and supplies	24,617.66	
Blacksmith shop equipment, supplies	1,497.60	
Paint shop equipment, supplies	286.15	
Carpenter shop equipment, supplies	2,238.69	
Constructive materials: crushed stone, sand, gravel, cinders, screenings, flagging, sewer pipe curbing, etc.	11,580.77	
Motor pumps, plows, horsedrawn vehicles, Div. Rd. machines	14,541.39	
1 Cement shed, built by City Labor	3,000.00	
		$186,421.00

FORESTRY DEPARTMENT:

Tools and supplies	$2,586.00	
Ford Sedan	100.00	
Ford truck with sprayer	1,100.00	
Ford truck	500.00	
Power sprayer	700.00	
Trailer	25.00	
Office furniture, etc.	150.00	
		$5,161.00

SUPERINTENDENT OF BUILDINGS:

1 Ford Sedan	$400.00	
1 Ford Coupe	500.00	
1 Ford Coupe	200.00	
1 Ford Coupe	100.00	
Office fixtures, furniture, plans, etc.	5,978.00	
		$7,178.00

WHARVES:

Land, foot of Howland Street	$12,050.00	
Land, foot of Centre Street	850.00	
Rotch wharf, Pier No. 3	53,925.00	
Land and Building, Front and Union Sts.	21,625.00	
		$88,450.00

STREETS AND HIGHWAYS:	$6,090,000.00	$6,090,000.00
SEWERS:	$4,375,000.00	$4,375,000.00
MUNICIPAL HOSPITAL SITE:	$36,950.00	$36,950.00

RECAPITULATION

Board of Appeals	$107.00
Board of Assessors	7,023.00
Board of Health	334,484.00
Board of Public Welfare	368,316.00
Cemetery Board	509,750.00
City Auditor	2,015.00
City Clerk	9,000.00
City Messenger	950.00
City Engineer	21,048.00
City Solicitor	4,540.00
City Treasurer	3,069.00
Clerk of Committees	2,000.00
Elections	7,500.00
Fire Department	759,875.00
Free Public Library	784,100.00
Inspector of Wires	46,280.00
Intercepting Sewer	1,371,651.00
Labor Service Registrar	135.00
Licensing Board	1,875.00
Mayor's Office	4,000.00
New Bedford Vocational School	429,064.00
New Bedford Water Works	6,395,117.00
Park Commission	1,421,125.00
Police Department	371,579.00
Public Baths	68,225.00
Public Buildings, Land and Other Property	1,086,987.00
Registrars of Voters	3,000.00
School Department	7,841,193.00
Sealer of Weights and Measures	2,055.00
Street Department	186,421.00
Forestry Department	5,161.00
Superintendent of Buildings	7,178.00
Wharves	88,450.00
Streets and Highways	6,090,000.00
Sewers	4,375,000.00
Municipal Hospital Site	36,950.00
	$32,645,223.00

ANNUAL REPORT

OF THE

CITY CLERK

OF THE

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year 1931

THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1932

Annual Report of City Clerk

For the Year 1931

City of New Bedford,
City Clerk's Office,
April 30, 1932

To the City Council

Gentlemen,

During the year 1931 the work of preserving and binding old records was continued. Efforts were made to gain ample storage space for safe keeping of vital statistics without purchasing new equipment. The vault allotted to this office, which has to be used also as a stock room, is overloaded, and is approaching a stage where it will be necessary to remove stock and supplies to another storage room, a project that will have to be considered within a few years.

The financial report for the past year shows a small decrease in the receipts of the office, and a substantial reduction in expenditures. In 1931 the sum of $26,594.22 was received from all sources, against $27,268.13 in 1930. The expenditures in 1931 were $24,152.81 and $26,070.89 in 1930, a decrease of $1,918.08.

The tabulation of vital statistics during 1931 shows losses in the number of births and marriages, and an increase in deaths. The number of deaths reported by medical examiners annually continues to increase appallingly.

The following table gives the number of births, marriages and deaths recorded in New Bedford since 1920:—

	Births	Marriages	Deaths
1920	3675	1752	1974
1921	3878	1378	1650
1922	3551	1343	1797
1923	3486	1416	1838
1924	3400	1170	1602
1925	3191	1220	1621
1926	2972	1067	1733
1927	2615	1004	1526
1928	2568	806	1593
1929	2198	1038	1579
1930	2148	858	1434
1931	1980	819	1531

A statement of the financial transactions of the city clerk's office for the last fiscal year, from December 1, 1930, to November 30, 1931, follows:

LICENSES

1	Ammunition	$1.00
43	Auctioneers	86.00
1	Auctioneer, special	10.00
16	Awnings	16.00
	Billiard tables, pool tables, etc.	1,218.00
	Bowling alleys	417.75
	Carrousels, etc.	121.00
2	Circuses	75.00
	Dances	528.67
5	Firearms, (sell, rent or lease)	25.00
18	Fish peddlers	180.00
18	Badges	9.00
18	Plates	9.00
21	Fruit peddlers	420.00
21	Badges	10.50
21	Plates	10.50
95	Garages (G. L. Chap. 148, Secs. 14-15)	95.00
8	Intelligence offices	16.00
26	Junk collectors	78.00
26	Badges	13.00
26	Plates	13.00
58	Junk dealers	290.00
4	Pawnbrokers	200.00

213	Petroleum licenses, (G. L., Chap. 148, Secs. 14-15)	213.00	
24	Public entertainments	24.00	
229	Public vehicles	229.00	
242	Seals	121.00	
91	Quahogs, (clean waters)	91.00	
126	Quahogs (polluted waters)	630.00	
20	Rummage sales	40.00	
18	Sausages	18.00	
109	Scallops	109.00	
141	Special police	141.00	
37	Sunday sports	74.00	
143	Taxi drivers	143.00	
69	Badges	34.50	
	Theatres	260.00	
1	Breaking and canning eggs	1.00	
			$5,970.92

FEES

6	Ammunition registrations	$3.00	
9	Assignments of wages	9.00	
	Bills of sale	170.95	
10	Building movings	50.00	
14	Building obstructions	70.00	
185	Business certificates	83.25	
	Certified copies	566.55	
1	Declaration of trust	.50	
2	Dry cleaning registrations	1.00	
900	Garage registrations	450.00	
2	Gunpowder registrations	1.00	
728	Marriage intentions	728.00	
34	Married women's certificates	8.50	
	Mortgages	808.70	
9	Assignments	9.20	
47	Discharges	64.50	
129	Margin discharges	64.50	
13	Foreclosures	13.00	
1	Optometrist registration	.50	
437	Petroleum registrations	218.50	
4	Physician registrations	1.00	
	Pole location orders	241.50	
1	Power of attorney	1.00	
140	Sign permits	140.00	
28	Soldiers' discharges	7.00	
20	Copies	5.00	
	Sunday entertainments	2,218.00	
76	Transfers	34.20	
14	Voluntary assignments	14.00	
7	Writs	1.75	
1	Agreement	1.00	
	Balance for recording mortgage	4.35	
	Sporting license fees	395.70	
	Dog license fees	736.40	
			$7,104.95

PAID TO COUNTY AND STATE

Paid to Treasurer of Bristol County		
For dog licenses		$9,409.60
Paid to Division of Fisheries and Game		
For resident citizen sporting licenses	$3,850.00	
For non-resident citizen sporting licenses	33.45	
For alien sporting licenses	30.00	
For minor trapping license	1.00	
For duplicate licenses	6.00	
For resident lobster fishing licenses	184.30	
For minor fishing licenses	4.00	
		$4,108.75

RECAPITULATION

Licenses	$5,970.92
Fees	7,104.95
Returned to county	9,409.60
Returned to state	4,108.75
	$26,594.22

BIRTH INFORMATION FOR 1931

Total number of births recorded in 1931 (including 71 stillbirths)		1980
Males	978	
Females	1002	
	1980	
Total number of births recorded in 1930		2148
Decrease 1931 from 1930		168
Returned by physicians, midwives and parents		1971
Returned by churches (baptisms) and not otherwise		9
		1980
Children born in New Bedford, residence of parents in New Bedford		1671
Children born in New Bedford, residence of parents elsewhere in Massachusetts		248
Children born elsewhere in Massachusetts, residence of parents in New Bedford		45
Children born in New Bedford, residence of parents out of state		15
Children born out of state, residence of parents in New Bedford		1
		1980

Number of twin births reported	21	
Number of stillbirths	71	
Born of American born parents		914
Born of foreign born parents		504
Born of American born father and foreign born mother		176
Born of foreign born father and American born mother		320
Born of American born mother, father's birthplace unknown		50
Born of foreign born mother, father's birthplace unknown		14
Born of unknown parents		2
Total		1980

MARRIAGE DATA

Marriage intentions filed in 1931	730
Marriage intentions filed in 1930	804
Decrease	74

Number of marriages recorded in 1931	819
Number of marriages recorded in 1930	858
Decrease	39

DEATH DATA

Total number of deaths recorded		1531
Deaths in New Bedford		
Males	673	
Females	676	
Stillbirths	71	
	1420	
Deaths of New Bedford residents reported from out of the city	111	
	1531	

STATISTICS OF 1,350 DEATHS IN NEW BEDFORD

Under 5 years of age	211
5 to 10 years of age	23
10 to 20 years of age	46
20 to 30 years of age	50
30 to 40 years of age	68
40 to 50 years of age	125
50 to 60 years of age	176
60 to 70 years of age	245
70 to 80 years of age	262
80 to 90 years of age	126

Over 90 years of age	17
Oldest person to die	104 yrs. 11 mos. 26 days
Born in New Bedford	411
Born in other places in the United States	289
Born in Canada	161
Born in Portugal	187
Born in England	149
Born in all other foreign countries	150
Birthplaces unknown	2
Deaths due to tuberculosis	68
Deaths due to cancer	112
Deaths due to tumor	3

Of the 214 medical examiners certificates of deaths, 17 were of deaths in which motor vehicles played a part; 11 were accidental gas poisoning cases; 16 were suicides from gas poisoning; and the remaining 170 were from other causes.

Respectfully submitted,

RODOLPHUS A. SWAN,
City Clerk

IN BOARD OF ALDERMEN,

May 12, 1932

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk

IN COMMON COUNCIL,

May 12, 1932

Concurred.

RUTH G. HILTON,
Clerk

Attest:

RODOLPHUS A. SWAN,
City Clerk

ANNUAL REPORT

OF THE

CITY TREASURER

FOR THE

Fiscal Year Ending November 30,

1931

REYNOLDS PRINTING
NEW BEDFORD, MASS.
1932

Office of the City Treasurer,
New Bedford, Mass., December 1, 1931.

To the City Council of the City of New Bedford:

Gentlemen:—Submitted herewith find the annual report of this department for the year ending November 30, 1931 as required by the ordinances.

Respectfully submitted,

(Signed) JOHN MORRIS,

City Treasurer.

STATEMENT OF CASH RECEIPTS AND CASH PAYMENTS FOR THE FISCAL YEAR 1931.

SUMMARY

Cash Receipts

Revenue Sources	$14,168,560.57	
*Non-revenue	24,593.88	
Kempton Fund	11,198.28	
Perpetual Care Funds	14,110.80	
All Other Funds	21,697.35	
Cemetery Sale of Lots	9,184.00	
Highway and Sewer Deposits	7,117.70	
Total cash receipts		$14,207,274.82
Cash balance December 1, 1930		614,520.04
*Cr. Balance		$14,821,794.86

Cash Disbursements

Revenue Purposes	$14,385,724.56	
Non-revenue Purposes	244,538.18	
Kempton Fund	11,097.00	
Perpetual Care Funds	14,110.80	
All Other Funds	22,689.09	
Cemetery Sale of Lots		
Highway and Sewer Deposits	7,300.74	
Total cash payments		$14,685,460.37
Cash balance December 1, 1931		136,334.49
		$14,821,794.86

We have examined the foregoing and believe the same to be correct.

(Signed) ERNEST E. LAVERTU,
HENRY S. GORNER,
WILLIAM MARTIN.

Sub-committee of the Joint Standing Committee on Finance appointed to examine the books and accounts of the City Treasurer and City Auditor.

ANNUAL REPORT

OF THE

COLLECTOR OF TAXES

New Bedford, Mass.

To the City Council of the City of New Bedford:

Gentlemen:—In compliance with the ordinance requiring that the annual report of the Collector of Taxes shall be made to the City Council annually in January, I submit herewith statement of all collections made during the fiscal year ending November 30, 1931 together with a statement of taxes remaining unpaid.

Respectfully submitted,

(Signed) JOHN MORRIS,

Collector of Taxes.

STATEMENT OF TAX COLLECTIONS

DR.	1931	1930	1929
Uncollected balance December 1, 1930		$1,302,671.30	$78,245.39
Assessors warrants in detail, 1931			
State Tax	193,875.00		
State Aid and Pensions	240.00		
State Audit	3,401.60		
State Parks and Reservations	2,639.49		
County Tax	231,375.47		
City Tax Department Appropriations	2,903,721.13		
City Tax Debt Appropriation	1,790,431.00		
Overlay	17,720.71		
Poll Taxes	64,146.00		
Excise Taxes	128,164.98		
Boat Taxes	859.25		
Old Age Assistance	32,073.00		
Apportioned Sewers	739.43		
Apportioned Sidewalks	2,501.76		
Unapportioned Sidewalks	3,950.19		
Water liens	148.30		
Costs on Water liens	6.90		
Apportioned Widenings	1,656.90		
Committed Interest	1,813,93		
Refunds on Taxes	3,720.14	28,470.54	270.60
Additional Warrants and Re-Assessments	2,039.76	4,762.98	
Total Debits	$5,385,224.94	$1,335,904.82	$78,515.99

STATEMENT OF TAX COLLECTIONS

CR.		1931	1930	1929
Collections: —	Excise	$111,031.38	$15,095.87	$1,379.08
	Boat Taxes	802.58	16.67	
	Polls	38,836.00	18,678.00	216.00
	Old Age Assistance	19,614.00		
	Personal Estate	965,286.20	59,826.05	2,111.50
	Real Estate	2,850.029.66	1,107,414.68	
	Apportioned Sewers	171.26	503.45	
	Apportioned Sidewalks	1,080.94	966.94	
	Unapportioned Sidewalks	1,191.12	1,393.06	
	Apportioned Widenings		1,414.96	
	Committed Interest	437.48	1,114.21	
Abatements:—	Excise	7,425.68	1,489.08	6,482.88
	Poll	482.00	3,096.00	5,422.00
	Personal Estate	2,468.70	14,741.65	5,789.05
	Real Estate	19,911.91	31,940.18	
Total Credits		$4,018,768.91	$1,257,690.80	$21,400.51
Balances uncollected December 1, 1931		$1,366,456.03	$78,214.02	$57,115.48

TRUST FUNDS

. New Bedford, Mass.,

December 1, 1931.

To the City Council of the City of New Bedford:

The trustees of bequests, gifts and trust funds of the City of New Bedford herewith submit the attached statement of the City Treasurer as their Annual Report.

WILLIAM S. COOK,

JOSEPH M. READ,

ALBERT H. DOYLE,

Trustees.

REPORT

The principal of the Kempton Fund, the gift of Sarah E. Potter is $250,000.00.

Under the provisions of the City Ordinances approved by the Mayor, February 26, 1914, and March 12, 1914, the Trustees of the Kempton Fund are also charged with the management and control of the investment of the following funds, viz:

TRUST FUNDS

Sylvia Ann Howland, Educational and Library Fund	$100,000.00
George O. Crocker, Library Fund	10,000.00
Charles L. Wood, Library Fund	2,000.00
Oliver Crocker, Library Fund	1,000.00
George Howland, Jr., Library Fund	1,600.00
Charles W. Morgan, Library Fund	1,000.00
James B. Congdon, Library Fund	500.00
Jonathan Bourne, School Fund	1,000.00
	$117,100.00

The gross amount of income which has been received by the City Treasurer is $16,317.28 and this amount has been paid to the City of New Bedford, as provided in the several Trusts and City Ordinances.

JOHN MORRIS,

Treasurer.

The Kempton Fund, the Gift of Sarah E. Potter

	Par Value	Rate	Income 1931
C. B. & Q. R. R.	$50,000.00	4	$2,000.00
California State	15,000.00	4¼	637.50
Boston & Maine	20,000.00	5	1,000.00
Baltimore, Md.	13,000.00	4	520.00
Atlantic City, N. J.	25,000.00	4.40	1,100.00
Boston Elevated	40,000.00	4½	1,800.00
N. B. Inst. for Savings	19,906.38		895.78
Providence & Worcester Ry. Co.	18,000.00	4	720.00
Atchison, Topeka & Santa Fe	5,000.00	4	200.00
Delaware & Hudson Co.	5,000.00	4	200.00
N. Y. N. H. & H. R. R.	5,000.00	4	200.00
N. Y. N. H. & H. R. R.	20,000.00	4	800.00
State of Arkansas	25,000.00	4½	1,125.00
	$260,906.38		$11,198.28

Sylvia Ann Howland, Educational and Library Fund

City of New Bedford	$25,000.00	4	$1,000.00
City of New Bedford	1,000.00	4	40.00
Old Colony R. R. Co.	15,000.00	4	600.00
N. B. Inst. for Savings, Deposits	1,427.00		64.22
State of Illinois	10,000.00	4	400.00
Detroit, Mich.	5,000.00	4¼	212.50
State of Alabama	10,000.00	4¼	425.00
Akron, Ohio	10,000.00	4½	450.00
Minneapolis, Minn.	5,000.00	4	200.00
Spokane, Wash.	10,000.00	4½	450.00
Old Colony R. R. Co.	10,000.00	5	500.00
	$102,427.00		$4,341.72

George O. Crocker, Library Fund

N. B. Institution for Savings	$173.74		$7.78
Montgomery, Ala.	5,000.00	4½	225.00
Port of Seattle, Wash.	5,000.00	4½	225.00
	$10,173.74		$457.78

Oliver Crocker, Library Fund

N. B. Inst. for Savings, Deposits	1,000.00	45.00

Charles L. Wood, Library Fund

N. B. Inst. for Savings, Deposits	2,000.00	90.00

George Howland, Jr., Library Fund

N. B. Inst. for Savings, Deposits	1,600.00	72.00

Charles W. Morgan, Library Fund

N. B. Inst. for Savings, Deposits	1,000.00	45.00

James B. Congdon, Library Fund

N. B. Inst. for Savings, Deposits	500.00	22.50

Jonathan Bourne, School Fund

N. B. Inst. for Savings, Deposits	1,000.00	45.00

Special Investment Fund
Chapter 480 Act of 1924

N. B. Five Cents Svgs. Bk., Deposits	$82,688.44	$3,762.81

New Bedford, Mass.,
December 1, 1931.

To the City Council of the City of New Bedford:

As Treasurer of the Charles S. Paisler Educational Fund I submit herewith the following Fourteenth Annual Report:

REPORT

The principal of the Charles S. Paisler Educational Fund is $30,115.58, which amount is deposited in the New Bedford Safe Deposit National Bank at 4 per cent. The income is to be divided as per provisions of the will and acceptance of trust as follows, viz:

One-third to Mary V. King for life and two-thirds to the City of New Bedford, Charles S. Paisler Educational Fund.

Received:		
Interest for year ending November 30, 1931		$1,204.68
Paid:		
One-third to Mary V. King	$401.52	
Two-thirds to City of New Bedford, Charles S. Paisler, Educational Fund	803.16	
		$1,204.68

Respectfully submitted,

(Signed) JOHN MORRIS,

City Treasurer.

Report of the Commissioners of the Sinking Funds

City of New Bedford,

April 13, 1932.

To the City Council of the City of New Bedford:

Gentlemen:—At a meeting of the Commissioners of the Sinking Funds of the City of New Bedford, held this date, it was

Voted:—To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of the Commonwealth of Massachusetts to be made annually to the City Council.

CHARLES S. KELLEY, Jr.

EDMUND H. LELAND

BENJAMIN A. TRIPP,

Commissioners of Sinking Funds.

Report of the Treasurer of the Sinking Funds

City of New Bedford, Mass.,

December 1, 1931.

To the Commissioners of the Sinking Funds
of the City of New Bedford:

Gentlemen:—Herewith find a statement of my accounts as Treasurer of the Sinking Funds for the year 1931, together with a list of securities in the fund.

DR.

Par value of Sinking Funds Investments, close 1930	$768,554.10
Income Account 1931	31,674.06
	$800,228.16

CR.

Par Value of Investments, close 1931	$786,228.16
Sinking Fund Acct. No. 61 mat. Dec. 1, 1930	14,000.00
	$800,228.16

INVESTMENT OF NEW BEDFORD SINKING FUNDS, 1931

1932	Mar.	1	New Bedford Sewer Loan	3½	$3,000.00	
	Apr.	1	New Bedford Sewer Loan	4	2,000.00	
	Aug.	1	West End St. Ry.	4	49,000.00	
	Aug.	1	Penn. Elec. Co.	3½	25,000.00	
						$79,000.00
1933	Apr.	1	Fall River Sewer No. 22	3½	3,000.00	
	Apr.	1	New Bedford	4	2,000.00	
	May	1	Boston & Albany Railroad	4	5,000.00	
	Aug.	1	New Bedford School	5	1,000.00	
	Dec.	1	Los Angeles, City of Water Works	4½	20,000.00	
						31,000.00
1934	Apr.	1	New Bedford	4	2,000.00	
	July	1	Citizens Elec. Ry. C/D		1,000.00	
	Aug.	1	City of Willimantic	4	1,000.00	
						4,000.00
1935	Feb.	14	Baltimore Cons. Gas, Lt. & Power Co.	4½	25,000.00	
	Apr.	1	Lynn Act 1903 Sea Street	3½	5,000.00	
	Apr.	1	New Bedford	4	2,000.00	
	May	1	Boston Elevated	4	45,000.00	
	July	1	City of So. Norwalk Funding	4	3,000.00	
	Sept.	1	City of So. Norwalk Refunding	4	5,000.00	
	July	1	New Bedford	4	5,000.00	
						90,000.00
1936	Apr.	1	New Bedford	4	2,000.00	
						2,000.00
1937	Apr.	1	New Bedford	4	1,000.00	
	May	1	City of Quincy Sewer Loan Act 1895	4	2,000.00	
						3,000.00
1938	July	1	Kalamazoo Al. & G. R. R. 1st Guaranteed by Lake Shore and Michigan	5	4,000.00	
	Dec.	1	Town of Stamford Town Hall	4	5,000.00	
						9,000.00

1940	July	1	Erie & Pitts. R. R. Series E. Guaranteed by Penn Railroad	3½	50,000.00	
						50,000.00
1941	May	1	Elgin, Joliet & Eastern Ry. Co. 1 mtge.	5	20,000.00	
						20,000.00
1942	Apr.	1	N. B. Park Loan	4	1,000.00	
	May	1	Quincy Sewer Loan Act 1902	3½	1,000.00	
						2,000.00
1943	Mar.	1	Los Angeles Gas & Elec. Corporation	5½	20,000.00	
	May	1	Delaware & Hudson Co.	4	10,000.00	
	May	1	Delaware & Hudson Co.	4	10,000.00	
						40,000.00
1944	Feb.	1	Miami, Fla. Municipal Improvement Co. of date	5	20,000.00	
	Mar.	1	St. Johnsbury & Lake Champlain Boston & Maine Guaranteed	5	11,000.00	
	June	1	State of Tennessee	4¾	25,000.00	
	July	1	San Francisco, Cal.	4½	10,000.00	
						66,000.00
1946	Dec.	1	Am. Tel. & Tel. Collateral Trust	5	50,000.00	
						50,000.00
1947	Mar.	1	San Diego, Cal. Cons. Gas & Elec. Co.	5	15,000.00	
						15,000.00
1948	Jan.	1	Long Island Light Co. N. Y.	6	10,000.00	
						10,000.00
1949	July	1	C. B. & Q. Illinois Division	3½	36,000.00	
	July	1	C. B. & Q. Illinois Division	4	39,000.00	
						75,000.00
1951	Aug.	1	Ill. Central Omaha Division First	3	25,000.00	
	Sept.	1	Mich. Central Ry. Jackson Lansing & Saginaw	3½	12,000.00	
	July	1	New Bedford	3½	10,000.00	
						47,000.00

1952	Mar.	1	The Empire Dist. Elec. Co. State of Kansas	5	5,000.00	
	May	1	Mich. Central	3½	30,000.00	35,000.00
1953	July	1	Ill. Central Ry. Louisville Division Terminal	3½	22,000.00	22,000.00
1954	Jan.	1	Wash. Co. R. R. Guaranteed by Maine Central	3½	16,000.00	
	Apr.	1	N. Y. N. H. & H. Debentures	3½	11,000.00	
	May	1	N. Y. N. H. & H. Harlem River & Port Chester	4	15,000.00	
	May	1	Naugatuck R. R. 1st Mortgage	4	4,000.00	46,000.00
1955	July	1	N. Y. N. H. & H. Debentures	4	10,000.00	10,000.00
1957	Jan.	1	New Bedford Bridge Bonds	4	24,000.00	
	Jan.	1	New Bedford Park Bonds	4	9,000.00	33,000.00
	Total					739,000.00
Savings Bank and Note Account						18,455.29
Cash on Deposit						28,772.87
Securities at par close of 1931						$786,228.16

Respectfully submitted,

(Signed) JOHN MORRIS,

Treasurer.

STATEMENT OF CONDITION OF THE VARIOUS SINKING FUNDS

No.		Fund	Payable	Total
40	$30,000.00	Sewer Bonds	Mar. 1, 1932	$30,000.00
48	30,000.00	Sewer Bonds	Dec. 1, 1933	30,000.00
51	62,000.00	Sewer Bonds	July 1, 1935	62,000.00
18	100,000.00	Park Bonds	Apr. 1, 1942	100,000.00
39	28,000.00	Park Bonds	July 1, 1951	28,000.00
54	72,000.00	Park Bridge Approach	Jan. 1, 1957	66,731.81
53	777,000.00	Bridge Bonds	Jan. 1, 1957	469,496.35
				$786,228.16

DIVISION OF SINKING FUNDS

Municipal Loans	$122,000.00
Park Loans	128,000.00
Bridge Loans	469,496.35
Park, Bridge Approach Loans	66,731.81
	$786,228.16

Annual Report
# of the
Soldiers' Relief

New Bedford, Mass.,
December 1, 1931.

To the City Council of the City of New Bedford:

Gentlemen:

Submitted herewith find the annual report for the year ending November 30, 1931.

Respectfully submitted,

JOHN MORRIS,

City Treasurer

SUMMARY OF EXPENDITURES FOR THE FISCAL YEAR ENDING NOVEMBER 30, 1931.

Groceries	$10,728.35
Wood	1,359.80
Coal	7,503.50
Coal Delivery	2,086.31
Medicine	7,791.45
Hospital	5,645.51
Shoes	3,019.91
Office Supplies	385.20
Telephone	2.35
Miscellaneous	174.82
Cash Disbursements	114,671.36
	$153,368.56

COMMENTS

$153,368.56	Soldiers' Relief Expenditures for 1931.
120,061.49	Soldiers' Relief Expenditures for 1930.
$33,307.07	Increased in Amount expended than in 1930.
$120,000.00	Amount Appropriated for 1931.
25,000.00	Amount for Supplementary Appropriation Sept. 10, 1931.
8,500.00	Amount from Supplementary Appropriation Nov. 27, 1931.
$153.500.00	Amount Appropriated and Supplementary Appropriation.
153,368.56	Soldiers' Relief Expenditures for 1931.
$131.44	Balance from Supplementary Appropriation.

CASES BY WARS

Civil War	50
Spanish War	24
German War	751
Total cases for year 1931	825

$1,309.41 Amount received from Various cases during the year to Refund and Reimburse the City of New Bedford.

SOLDIERS' RELIEF

Recapitulation of Expenditures of Soldiers' Relief for the Fiscal Year Ending November 30, 1931

Months	Groceries	Wood	Coal	Coal Del.	Medicine	Hospital	Shoes	Office Supplies	Tel.	Misc.	Cash Disb.	Monthly Totals
1930												
Dec.	$980.75	$139.50	$1,508.50	$448.81	$412.39	$995.64	$456.40	$73.25	$.45	$26.42	$11,091.30	$16,133.41
1931												
Jan.	1,341.00	$148.50	1,523.30	458.85	501.03	327.69	423.70	73.95		7.00	12,213.10	17,018.12
Feb.	1,182.00	133.50	1,512.70	427.05	848.46	260.98	269.38	57.75	.15	7.00	11,114.31	15,813.28
Mar.	1,202.00	135.00	250.50	387.71	704.49	568.00	325.85			33.50	10,018.60	13,625.65
Apr.	589.50	115.50		53.46	509.81	801.98	107.00	30.50		5.00	6,416.05	8,628.80
May	1,031.90	58.50			652.39	261.48	95.94			20.55	5,689.00	7,809.76
June	367.00	52.50			429.14	565.02	152.00	21.50	.20		6,385.40	7,972.76
July	508.50	49.00	2,700.00		522.33	252.39	29.85	53.00	.15		8,573.90	12,689.12
Aug.	847.00	43.40			495.36	197.91	28.00	24.75			9,004.75	10,641.17
Sept.	607.50	107.80			875.07	473.09	615.39			18.50	9,998.55	12,695.90
Oct.	1,019.94	212.80			742.17	558.33	318.40	50.50		5.00	11,862.90	14,770.04
Nov.	1,051.26	163.80	8.50	310.43	1,098.81	383.00	198.00		1.40	51.85	12,303.50	15,570.55
	$10,728.35	$1,359.80	$7,503.50	$2,086.31	$7,791.45	$5,645.51	$3,019.91	$385.20	$2.35	$174.82	$114,671.36	$153,368.56

CITY OF NEW BEDFORD

In Board of Aldermen,
April 28, 1932.

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

In Common Council,
April 28, 1932.

Concurred.

RUTH G. HILTON,
Clerk.

Attest:

RODOLPHUS A. SWAN,
City Clerk.

Thirty-ninth Annual Report

OF THE

ENGINEERING DEPARTMENT

CITY OF NEW BEDFORD

BY THE

CITY ENGINEER

For the Year 1931

THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1932

NEW BEDFORD

January 1, 1932

Set off from Dartmouth	1787
Incorporated as a city	1847
Length of city	10.78 miles
Breadth of city (Maximum)	3.10 miles
Area—Land	12,229 acres
Ponds	193 acres
Land and ponds	12,422 acres - 19.40 sq. miles
Tidal water	8,457 acres
	20,879 acres - 32.62 sq. miles
Length of frontage on tidal waters	10.13 miles
Depth of main channel	30 feet at low water
Average rise and fall of tide	3.65 feet
Population:—Assessors' estimate	111,539
Assessed valuation	$151,256,150.00
Assessed valuation per capita	$1,356.08
Accepted streets	212.76 miles
Bridges (3)	0.796 miles in New Bedford
Sewers	181.72 miles
Length of Intercepting Sewer:	
Outfall	0.626 miles
Interceptor	7.66 miles
13 parks and 6 public playgrounds, area	258.71 acres
42 school buildings: Area of grounds (Includes 1 unused)	74.27 acres

ENGINEER'S REPORT

City of New Bedford,
Engineering Department,
January 1, 1932.

To the City Council of the City of New Bedford:

Gentlemen:—In compliance with section 56 of the city ordinances defining the duties of the City Engineer, I respectfully submit the following report of the expenses and operations of the Engineering Department for the year 1931.

RECEIPTS FOR FISCAL YEAR ENDING NOVEMBER 30, 1931

Original appropriation	$40,000.00
Council transfer	3,500.00
Available appropriation	$36,500.00

EXPENDITURES

Salaries and payrolls	$32,517.98	
Local transportation	1,129.99	
Photography	4.55	
Office furniture and repairs	28.40	
Meteorological instruments	35.35	
General instruments for office and field	13.66	
Telephone and telegrams	2.25	
Annual reports	51.00	
Drawing supplies	9.67	
Plotting system	197.50	
Blueprint supplies and equipment	72.58	
Stationery, postage, advertising, etc.	137.25	
Public statutes and reference books	46.25	
Traveling expenses	80.38	
Sundries	30.62	
		$34,357.43
Unexpended balance		$ 2,142.57

Receipts from sale of blueprints, material and maps paid in to General Revenue	$40.25

MAINTENANCE ACCOUNT FOR INTERCEPTING SEWER
FOR FISCAL YEAR 1931

RECEIPTS

Original appropriation	$34,000.00	
Council transfer	695.00	
Available appropriation	$33,305.00	
Credit from Street Department for flushing	225.49*	
		$33,530 49

EXPENDITURES

		Labor	Telephone	Coal	Electricity	Water	Supplies and Equipment	Transportation	Total
Screen Station		$8,139.92	$57.60	$650.00	**	$21.27	$238.31		$9,107.10
Cove Road Station		3,243.85	56.04	127.50	$3,329.61	23.07	548.70		7,328.77
Belleville Avenue Station		3,085.59	56.04	108.00	3,646.37	95.75	184.35		7,176.10
First Street Station		2,743.39			550.68	10.00	54.04		3,358.11
Howard Avenue Station		1,189.50	56.04	84.00	408.78	5.00	178.00		1,921.32
General Maintenance	Flushing	*1,327.27				63.75	351.64		1,742.66
	Telephone		26.04						26.04
	Transportation							$877.40	877.40
Pension		703.70							703.70

	$32,241.20
Unexpended balance	$1,289.29

** Included with Cove Road Station

Receipts from Acushnet and Dartmouth for sewer service paid in to General Revenue $1,075.49

The operating costs of the Intercepting Sewer are given in the above table. There have been no changes or additions in the system.

The city ordinances provide that the engineering department shall perform all the engineering work required by the city at the request of the mayor, city council, or either branch thereof, or any administrative board or officer.

The following table gives a fairly accurate proportioning of the cost of the work done for the various departments of the city, based on the time expended.

The administration costs, transportation, and bills for materials cannot be accurately apportioned, but will follow very closely the ratio of labor costs as given in the table.

CLASSIFICATION OF WORK

		Percent
Engineering Department	$22,043.04*	67.83
Intercepting Sewer	11.82	
Street Department, Sewer Construction	257.10	.79
Street Department, Street Construction	2,712.22	8.34
Assessors	2,962.21	9.11
City Government and Committees	2,135.13	6.57
Inspector of Buildings	714.25	2.20
Water Works	67.82	.21
Public Service Corporations	112.77	.35
Park Department	97.26	.30
School Department	63.08	.19
Cemetery Department	275.21	.84
Inspector of Wires	309.45	.95
Police Department	79.19	.24
Fire Department	6.48	.02
Superintendent of Buildings	155.60	.48
City Clerk	28.56	.09
City Solicitor	21.88	.07
Board of Health	17.97	.05
Board of Appeals	446.94	1.37
	$32,517.98	100.00

*Includes administration $3,800.00.

The cost of all this work is paid from the appropriation made for engineering and is not charged to the various departments. By this method the entire cost of the engineering work of the city is clearly set forth in one item.

The following is a list of the employees of this department during the year 1931:

Assistant Engineers:
- Leonard J. Hathaway, Jr.
- Ira M. Chace, Jr.*

Field Force:
- Milton E. Ashley*
- Robert S. Baylies*
- Milton H. Dean*
- Elmer L. Deane
- Fred H. Hewitt
- James S. McQuade
- Edward F. Mulally
- Raymond L. Viereck
- Hector E. Soly*

Office Force:
- Norman Barstow
- Percy Batchelder*
- Paul G. Covill
- Benjamin F. Howe
- Edward M. Slocum
- Albert Putz*

Clerks:
- Jessie Loughlin
- Catherine C. Neville

*Part of year.

Respectfully submitted,

GEORGE H. NYE,
City Engineer.

RECORD OF TIDES — 1931

	HIGH TIDES			LOW TIDES			RANGE
Month	Average	Highest	Lowest	Average	Highest	Lowest	Average
January	—.14	+2.4	—1.1	—3.78	—2.5	—4.9	—3.64
February	—.24	+0.9	—1.7	—3.59	—2.4	—4.8	—3.35
March	+.44	+3.4	—1.1	—3.23	—2.1	—4.2	—3.67
April	+.18	+2.9	—1.4	—3.61	—2.7	—4.3	—3.79
May	+.16	+1.7	—0.6	—3.45	—2.6	—4.7	—3.61
June	+.55	+1.4	—0.3	—2.97	—1.9	—3.5	—3.52
July	+.50	+1.5	—0.9	—2.98	—2.4	—3.7	—3.48
August	+.75	+1.8	—0.9	—3.05	—2.3	—4.2	—3.80
September	+.72	+2.1	—0.5	—3.03	—2.0	—4.2	—3.75
October	+.63	+2.1	—0.4	—3.02	—2.0	—4.9	—3.65
November	+.08	+1.6	—1.1	—3.85	—2.6	—5.5	—3.93
December	—.20	+0.9	—1.4	—3.36	—2.3	—4.1	—3.16
Average for year	+.31			—3.32			—3.63
Extreme for year		+3.4	—1.7		—1.9	—5.5	

All figures above refer to so-called "Mean High Water" which is used at 0.85 feet below City Datum.

Observations for the past 35 years indicate that:

Average high water is 0.786 below City Datum.
Average low water is 4.439 below City Datum.
Average range of tide is 3.65

METEOROLOGICAL RECORD 1931

PREPARED BY THE ENGINEERING DEPARTMENT

MONTH	BAROMETER			THERMOMETER				WIND									SKY			Rain and Melted Snow	MONTH
	Maximum	Minimum	Range	Means of Daily Maximum and Minimum	Maximum	Minimum	Mean of Daily Range	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Variable	Clear	Cloudy	Partly Cloudy		
JANUARY	30.40	28.92	1.48	29.71	45	12	12.06		4		3		5		18	1	17	11	3	3.25	JANUARY
FEBRUARY	30.41	29.32	1.09	30.05	45	9	11.98	2	5		3	1	2		10	5	13	13	2	1.97	FEBRUARY
MARCH	30.37	29.30	1.07	37.29	49	27	9.42		13	1	3	1	4		6	3	16	12	3	5.37	MARCH
APRIL	30.42	29.37	1.05	46.81	63	33	12.13		5		4		12		9		20	8	2	2.75	APRIL
MAY	30.20	29.60	0.60	57.21	85	37	14.16		4		7		13		4	3	21	8	2	4.88	MAY
JUNE	30.20	29.65	0.55	63.83	84	50	13.26	1	9		5		7		5	3	18	9	3	6.92	JUNE
JULY	30.10	29.60	0.50	70.38	85	59	12.81		3		9	2	10		6	1	18	10	3	4.60	JULY
AUGUST	30.35	29.67	0.68	71.98	89	57	12.70	2	8		4		10		4	3	14	13	4	5.07	AUGUST
SEPTEMBER	30.44	29.62	0.82	67.17	87	48	11.80	1	7				13		4	5	18	8	4	1.70	SEPTEMBER
OCTOBER	30.45	29.43	1.02	58.18	79	41	13.00		4		1		12		8	6	25	5	1	4.71	OCTOBER
NOVEMBER	30.55	29.67	0.88	49.41	67	25	10.57		4	1		2	10		12	1	17	10	3	0.64	NOVEMBER
DECEMBER	30.60	29.56	1.04	35.85	51	17	12.49	1	1		1		8		17	3	18	12	1	3.67	DECEMBER
Means for Year				51.49			12.09														
Totals for Year								7	67	2	40	6	106		103	34	215	119	31	45.53	
Extremes	30.60	28.92	1.48		89	9															

RAINFALL IN NEW BEDFORD 1931

SCREEN HOUSE ON CLARKS POINT C TOTAL FOR YEAR 48.05 L.J. HATHAWAY JR. AT CLIFFORD POST OFFICE H TOTAL FOR YEAR 50.69
ENGINEERING DEPT AT CENTER OF CITY E TOTAL FOR YEAR 45.53 ACUSHNET STORING STATION OF N.B. WATER WORKS A TOTAL FOR YEAR 50.87
PUMPING STATION AT QUITTACUS POND Q TOTAL FOR YEAR 48.13

	JANUARY					FEBRUARY					MARCH				
	C	E	H	A	Q	C	E	H	A	Q	C	E	H	A	Q
1						.01		.10	.06	.05	.34	.25	.20	.21	.20
2						.01	.02								
3							.01				.54		.35	.29	.12
4						.01			.02	.01	.24	.47	1.05	.94	1.22
5	.67	.57	.78	.86	.83							.12	.02	.11	
6		.24	.07	.06	.06							.01		.02	.05
7								.05	.04	.03					
8						.24	.16	.15		.25	1.37	1.46	1.50	1.53	1.53
9						.50	.50	.81	.46	.57	.06		.05	.03	.05
10								.05	.08	.02	.05	.07	.09	.14	.12
11								.02	.01						
12	.85	1.04	1.24	1.26	1.19										
13						.34		.52	.44	.50					
14						.18	48	.12	.21	.11					
15															
16								.01	.02						
17						56			.61	.53	.08	.16	.21	.23	.09
18			.05		.01	.12	.66	.80	.43	.33					
19	.65	.74	.91	1.21	1.00	.14	.11	.50	.32	.26					
20	.01		.02	.03	.02	.01	.03	.06	.07	.03			.02	.04	.01
21		.07													
22								.03	.01	.01					
23															
24															
25											1.65	.39	1.80	1.63	1.57
26											.35	1.28	.19	.56	.59
27															
28											.70	.03	.20	.69	.71
29	.24	.20	.10	.15	.08						.34	1.13	1.18	.66	.60
30	.50	.25	.54	.56	50										
31	.08	.14	07	.02	03						.02			.03	.02
	3.00	3.25	3.78	4.15	3.72	2.12	1.97	3.22	2.78	2.70	5.29	5.37	6.86	7.11	6.88

	APRIL					MAY					JUNE				
	C	E	H	A	Q	C	E	H	A	Q	C	E	H	A	Q
1	.78	.65	.74	.78	.82						.16	.82	.22	.16	.17
2		.01				.16	.12	.05	.06	.04					
3	.10	.01		.09	.11										
4		.03	.09												
5															
6	.03	.09	.05	.07	.04										
7	.30	.01	.32	.42	.33						.16	.04	.16	.15	.17
8		.08				1.20	.79	1.24	.98	1.08	.37	.32	.51	.61	.47
9							.02				3.53	2.74	4.80	4.90	4.07
10						1.65	.71	.88	.75	.81	.08	1.63	.32	.11	.19
11	.02		.03	.02			.30				.10		.13	.05	.04
12						.63	.65	.67	.68	.60		.10	.03		
13						.89		.99	1.15	1.00					
14						.79	1.28	.15	.64	.27					
15								.02			.06		.05	.09	.52
16						.31	.05	.27	.25	.24	.18	.32	.48	.42	.37
17	.06	.02	.06	.06	.08		.16					.03	.02		
18															
19															
20															
21								.21	.18	.15					
22						.26	.29	.08	.06	.02					
23			.03	.03	.04	.09	.41	.52	.55	.54	.24	.22	.18	.19	.23
24						.41									
25			.04		.03			.02	.01	.02					
26	1.85	1.85	1.87	1.95	1.92						.06	.34	.09	.01	.02
27											.70	.36	.16	.04	.02
28															
29	.01		.04	.05	.06										
30															
31						.82	.10		.68	.87					
	3.15	2.75	3.27	3.47	3.43	7.21	4.88	5.10	5.99	5.64	5.64	6.92	7.15	6.73	6.27

	JULY					AUGUST					SEPTEMBER				
	C	E	H	A	Q	C	E	H	A	Q	C	E	H	A	Q
1															
2								.03	.01	.03			.05	.06	.28
3						.04	.03	.09	.08	.08	1.08	.71	.64	.65	.93
4												.17			
5															
6	1.18	.96	1.39	1.41	1.20						.05				
7	.17	.30	.08	.10	.07	.73	1.03	1.51	2.07	2.57					
8		.27	.02	.01				.01							
9	.07		.51	.18	.36	.02	.05	.14	.07	.07					
10	.05	.34	.20	.04	.10	.01		.02	.02	.02					
11						2.03	.77	.96	1.08	.65					
12						1.10	1.16	.71	.80	.67					
13		.02	.06		.06	.01	.04	.02	.02					.01	
14	.02			.05	.10	.04	.02	.06							
15	.14	.02	.18	.18		.32	.50	.45	.40	.31		.11	.66	.44	.31
16		.10									.51	.27			
17						.48	.28	.34	.69	.48	.07	.08	.09	.08	.09
18															
19						.88	.49	.35	.35	.29					
20			.06	.04	.05										
21			.02	.05	.05						.03	.02	.04	.05	.07
22	.52	.53	.25	.25	.18										
23	.28	.31	1.64	1.11	.74			.02	.01	.01					
24	.15	.27	.20	.21	.11	.80	.69	.72	.66	.55			.02		
25		1.48	.26	.27	.05										
26						.01	.01	.01	.02		.37	.34	.35	.32	.26
27										.09					
28										.64					
29															
30								.02							
31															
	2.58	4.60	4.87	3.90	3.07	6.47	5.07	5.46	6.28	6.46	2.11	1.70	1.85	1.61	1.94

	OCTOBER					NOVEMBER					DECEMBER					
	C	E	H	A	Q	C	E	H	A	Q	C	E	H	A	Q	
1																1
2																2
3						.02		.10	.08	.09						3
4											1.49	1.31	1.29	1.29	1.31	4
5																5
6											.05		.07	.05	.03	6
7												.08	.02	.01		7
8	.41	.18	.29	.25	.19											8
9		.11									.51	.42	.75	.86	.76	9
10												.01				10
11											.06		.05	.06	.06	11
12								.01								12
13											.43	.10		.38	.41	13
14	.17	.01	.20	.21	.31							.20		.04	.05	14
15	1.84	.78	1.06	.77	.35			.37	.33	.25						15
16	1.17	1.72	.77	1.03	1.03	.38	.35									16
17		.02						.04								17
18						.02	.02	.02	.01							18
19						.13	.03	.20	.16	.17						19
20						.02	.10	.02	.03			.05	.04	.02	.02	20
21									.01							21
22						.01					1.20	1.25	.96	1.03	.82	22
23									.01			.08				23
24	.01		.04	.01	.02			.02			.14	.02	.20	.19	.22	24
25	.10	.16	.33	.24	.19						.03	.15	.22	.15	.04	25
26																26
27						.03	.04	.11	.12	.13						27
28	.33		.34	.32	.33				.01							28
29	1.66	1.73	.99	.94	1.02			.02		.02						29
30				.01		.27	.10	.20	.23	.20						30
31																31
	5.69	4.71	4.02	3.78	3.44	.88	.64	1.11	.99	.86	3.91	3.67	4.00	4.08	3.72	

In Board of Aldermen,

March 24, 1932.

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

In Common Council,

March 24, 1932.

Concurred.

RUTH G. HILTON,
Clerk.

Attest:

RODOLPHUS A. SWAN,
City Clerk.

ANNUAL REPORT

OF THE

CHIEF

OF THE

FIRE DEPARTMENT

FOR THE YEAR ENDING, DECEMBER 31, 1931

EDWARD F. DAHILL, Chief of Department

EXECUTIVE HEAD OF THE FIRE DEPARTMENT.

HON. CHARLES S. ASHLEY, Mayor.

COMMITTEE OF THE CITY COUNCIL
ON
FIRE DEPARTMENT

ALDERMEN,
ERNEST E. LAVERTU
ISAAC DAWSON

COUNCILMEN,
HENRY S. GORNER
LEWIS F. PEIRCE
WILLIAM MARTIN

CHIEF OF DEPARTMENT,
EDWARD F. DAHILL,
Office, Station No. 2.

DEPUTY CHIEF,
JAMES J. DONAGHY,
Headquarters, Station No. 2.

FIRST DISTRICT CHIEF,
FREDERICK E. RICKETSON
Headquarters, Station No. 2.

SECOND DISTRICT CHIEF,
AMBROSE F. MERCHANT
Headquarters, Station No. 10.

THIRD DISTRICT CHIEF,
MILES L. FAY
Headquarters, Station No. 4.

CLERK,
FRANCIS T. MACEDO,
Office, Station No. 2.

CHIEF INSPECTOR,
FREDERICK G. GIFFORD,
Office, Station No. 2.

CHIEF'S CHAUFFEUR
FRANCIS J. KENNEDY

ASSISTANT SUPERINTENDENT FIRE ALARM,
ROBERT E. ALLEN,
Appointed March 26, 1913.

FIRE ALARM AND TELEPHONE OPERATORS,
LIEUT. JAMES T. WING,
Appointed December 31, 1914.

LIEUT. THOMAS R. F. WHOLLEY,
Appointed June 15, 1924.

LIEUT. ELMER H. JAMES,
Appointed December 7, 1927.

MILTON A. BAYLIES,
Appointed November 21, 1921.

DEPARTMENT MECHANICS,
GEORGE H. BAYLIES,
Appointed March 13, 1910.

PHILIP J. PREVOST,
Appointed December 31, 1919.

BATTERY MAN,
RAIMUND F. O'BRIEN,
Appointed December 3, 1920.

DEPARTMENT LINEMAN,
THOMAS J. McCANN,
Appointed June 21, 1922.

PENSION ROLL.

EDWARD F. A. COWEN, hoseman Engine Co. No. 1, joined the department October 31, 1882, placed on pension roll Sept.2, 1917.
JOHN H. BACKUS, department mechanic, joined the department June 9, 1894, placed on pension roll October 19, 1919.
DAVID A. COBB, seriously injured May 27, 1915.
GEORGE H. COOK, captain of Hose Co. No. 2, joined the department March 5, 1884, placed on pension roll Jan. 1, 1923.
ISAAC R. ALLEN, Tillerman Truck Co. No. 1, joined the department Feb. 13, 1895, placed on pension roll March 17, 1922.
MANUEL A. MENDOZA, Hoseman. Hose Co. No. 4, joined the department Nov. 26, 1922, placed on pension roll Mar. 1, 1926.
FRANK A. LEWIS, Captain, Hose Co. No. 4, joined the department Nov. 14, 1894, placed on pension roll Sept. 2, 1928.
BENJAMIN C. GROVES, Chauffeur, Engine Co. No. 2, joined the department Nov. 10, 1886, placed on pension roll Dec. 1, 1929.
JOSEPH L. CROWLEY, Chauffeur, Engine Co. No. 7, joined the department Mar. 12, 1891, placed on pension roll Mar. 15, 1931.
REUBEN TABER, Captain, Engine Co. No. 9, joined the department Dec. 13, 1888, placed on pension roll Mar. 15, 1931.
WILLIAM R. MOORE, Chauffeur, Engine Co. No. 3, joined the department April 28, 1892, placed on pension roll Mar. 29, 1931.
WILLIAM H. H. S. KING, Hoseman, Engine No. 7, joined the department Sept. 1, 1890, placed on pension roll April 5, 1931.
ALBERT P. VOISINE, Ladderman, Ladder Co. No. 4, joined the department Feb. 2, 1920, placed on pension roll Oct. 29, 1931.

CAPTAINS IN CHARGE OF STATIONS

REPAIR SHOP, STATION NO. ONE,
JAMES H. DOWNEY, Master Mechanic,
Appointed December 31, 1919.

HEADQUARTERS, STATION NUMBER TWO,
ROBERT E. ALLEN, Assistant Superintendent,
Appointed June 9, 1918.

STATION NUMBER TWO,
WILLIAM N. WHELAN,
Appointed July 8, 1924.

STATION NUMBER THREE,
JAMES H. MAHONEY,
Appointed December 31, 1914.

STATION NUMBER FOUR,
WILLIAM S. GATENBY,
Appointed, April 10, 1927.

STATION NUMBER FIVE,
JAMES L. HASKINS,
Appointed July 8, 1924.

STATION NUMBER SIX,
CHARLES E. GREENE,
Appointed April 10, 1927.

STATION NUMBER SEVEN,
EDWARD H. COGGESHALL,
Appointed April 26, 1910.

STATION NUMBER EIGHT,
EDWARD A. POLLOCK,
Appointed March 21, 1923.

STATION NUMBER NINE,
JOSEPH RUMNEY
Appointed March 22, 1931

STATION NUMBER TEN,
FRANK J. NICKLAS,
Appointed February 19, 1924.

STATION NUMBER ELEVEN,
ALBERT P. BOCHMAN
Appointed September 2, 1928.

REPORT

December 31, 1931.

Hon. Charles S. Ashley, Mayor.

Dear Sir:—

I have the honor to submit, herewith, my twenty-eighth annual report of the conditions and operations of the fire department for the year 1931.

The department answered 294 Box alarms and 427 Still or Telephone alarms, a total of 721 calls during the year.

There are eleven stations (ten brick and one frame) in the custody of this department.

During the year we have installed an oil burning heating system in the Central Fire Station.

The Fire Prevention Bureau made 3,709 inspections during the year and corrected many fire hazards.

APPARATUS IN COMMISSION

8 Motor Pumping Engines.
4 Electrical Aerial Trucks.
1 City Service Truck.
1 Combination Chemical and Hose Carrier.
2 Hose Wagons with Booster Equipment.
1 Foam Chemical.
5 Automobiles for Chief and Assistants.
1 Automobile for Fire Prevention Bureau.
2 Supply Trucks for Repair Force.
1 Supply Truck for Fire Alarm Branch.

APPARATUS IN RESERVE

1 Motor Combination Pumping Engine.
2 Motor Combination Chemical and Hose Carriers.
3 Steam Fire Engines equipped with short towing poles.
1 Moon Roadster.
1 Winton Touring Car.

MANUAL FORCE

Consists of 209 permanent men.

HOSE

1,900	feet of 3 inch.
19,100	feet of 2½ inch.
1,100	feet of ¾ inch.
550	feet of 1 inch.
90	waterproof covers carried on apparatus.

FATALITIES

Sarah Sylvia, 4 years old, burned so badly while playing with matches, Sept. 10, 1931 that she died at Union Hospital at 4.25 P. M. the same day.

William Doyle, 46 years old, of East Boston, Mass. a member of the crew of the schooner "Mercedes" anchored at Homer's Wharf was burned so badly by a gasoline explosion, Sept. 14, 1931 that he died at St. Luke's Hospital at 1.25 A. M. Sept. 17, 1931.

Respectfully submitted,

EDW. F. DAHILL,
Chief of Department.

EFD/FTM

FINANCIAL STATEMENT

Dr.

Appropriation		$485,000.00	
Transfers from other Departments		30.00	
			$485,030.00

Cr.

Salaries and payrolls		$439,765.27	
Motor Equipment:			
Repairs	$3,029.73		
Gasoline, oil and supplies	1,666.12		
Electric Truck and battery charging	364.81		
New apparatus	4,176.01		
		9,236.67	
Fuel and Light:			
Fuel	$4,927.04		
Light	2,106.85		
		7,033.89	
Other Equipment:			
Repairs	$ 105.75		
Hose and couplings	182.73		
Fire alarm	2,427.54		
Other supplies	345.02		
		3,061.04	
Maintenance of Buildings and Grounds:			
Repairs	$3,308.80		
Furniture and furnishings	471.52		
Janitor Supplies	768.18		
Water	432.85		
All other	65.00		
		5,046.35	
Other Expenses:			
Printing, postage and stationery	$ 726.41		
Telephone	1,108.20		
Freight and express	77.55		
Medical and hospital fees	398.55		
All other	144.36		
		2,455.07	
Total Expenditures			$466,598.29
Transferred to other departments			17,350.00
Unexpended balance			1,081.71
			$485,030.00
Department receipts turned into General Revenue			$ 176.48

REPORT OF ALARMS, LOSSES AND INSURANCE FOR THE YEAR 1931

	—Alarms—		— Damage—		—Insurance—	
Month	Box	Still	Buildings	Contents	Buildings	Contents
January	26	43	$ 1,351.13	$ 5,941.44	$645,400.00	$3,778,000.00
February	29	29	3,157.50	1,961.29	112,600.00	23,050.00
March	32	37	6,205.32	14,130.00	70,200.00	35,900.00
April	37	63	2,365.17	710.00	184,700.00	19,800.00
May	28	42	30,142.36	5,263.75	246,109.00	27,000.00
June	17	25	2,310.50	855.00	71,624.00	3,609,700.00
July	22	23	1,641.33	660.25	94,871.00	505,550.00
August	18	16	1,995.35	41,832.00	91,200.00	8,645,790.63
September	13	25	1,302.25	485.00	35,050.00	54,800.00
October	23	36	7,937.75	9,065.52	252,850.00	61,900.00
November	21	44	11,925.60	8,414.24	130,640.00	2,518,500.00
December	28	44	5,329.85	3,185.00	254,142.00	96,437.31
	294	427	$75,664.11	$92,503.49	$2,189,386.00	$19,376,427.94

Above contents insurance reported includes blanket policies covering buildings and contents to the amount of $18,821,150.00.

Total reported loss ....$	168,167.60
Total reported insurance ....$	21,565,813.94

NO SIGNAL FIRES

Number of fires reported	14
Damage to buildings ....$	117.00
Damage to contents ....$	2,143.39
Total reported damage ....$	2,260.39
Total insurance on buildings ......$	21,000.00
Total insurance on contents ....$	3,500.00
Total reported insurance ....$	24,500.00

CAUSES FOR FIRES AND ALARMS

Back Draft	13
Back-fire	21
Blow torch carelessness	12
Bonfire	5
Burning brush	69
Burning dump	17
Burning food	4
Burning grass	59
Burning grease	11
Burning rubbish	23
Burning soot	53
Burning tree	3
Careless use of candle	5
Careless use of oil heater	1
Careless smoker	7
Child and match	24
Children set fire from furnace	2
Cigarette	41
Paper on hot exhaust pipe	1
Defective chimney	7
Defective gas heater	1
Defective oil burner	10
Defective oil heater	1
Defective stovepipe	1
Defective thermostat	1
Defective wiring	1
Dust in blower ignited	2
Electric flatiron	3
Electric heater set fire to curtain	1
Electric bulb set fire to wires	1
Error in alarm	4
Escaping gas ignited	2
Explosion of kerosene brooder	1
Explosion of sewer gas	1
False alarms	46
Faulty Carburetor	4
Fireworks	6
Foreign substance in cotton	1
Friction of belts	2
Gas explosion	1
Gas stove carelessness	2
Gasoline carelessness	21
Hot ashes in contact with wood or paper	4
Lamp carelessness	1
Lightning	2
Locomotive sparks	3
Match carelessness	9
Needless alarm	3
No fire found	17
Overflow of oil into firebox	3
Overflow of oil into motor	1
Overheated bearing	1
Overheated furnace	5

Overheated gas stove	1
Overheated hot water heater	1
Overheated motor	1
Overheated oil heater	2
Overheated stove	4
Overheated stovepipe	4
Overturned kerosene lantern	3
Probable incendiarism	11
Reflection of red bulbs mistaken for fire	1
Reflection of fire at a distance	1
Remaining embers	1
Short circuit	36
Sparks from chimney	10
Sparks from motor	1
Sparks on roof	4
Sparks from stove	1
Sparks ignited cotton dust	1
Sprinkler trouble	4
Spontaneous combustion	4
Steam mistaken for smoke	2
Steampipe too near woodwork	1
Tar boiled over	4
Unknown	69
Unusual smoke	9
Wood piled too near furnace	1
Out of city: Dartmouth	2

ENGINE COMPANY No. 1.

Date of Joining Dept.	No. of Badge	Name	Rank
April 24, 1893	10	James L. Haskins	Captain
Nov. 25, 1917	8	Ephraim L. Studley	Lieutenant
Aug. 3, 1903	15	George H. Denham	Chauffeur
Nov. 25, 1917	6	Ernest Lord	"
Dec. 15, 1912	7	George T. Davis	Hoseman
Sept. 2, 1917	13	Thomas F. McCauley	"
Jan. 12, 1892	11	George W. Haskins	"
Dec. 1, 1917	14	Joseph Francis	"
Jan. 1, 1923	12	James F. Cairns	"
June 30, 1918	16	William F. Mannion	"
Feb. 2, 1920	4	Joseph A. McAvoy	"
Feb. 2, 1920	9	Albert L. Audette	"

ENGINE COMPANY No. 2.

Date of Joining Dept.	No. of Badge	Name	Rank
Nov. 1, 1910	21	John H. McDonald	Captain
Feb. 2, 1920	28	Harmidas J. Roberts	Lieutenant
Feb. 2, 1920	20	Daniel J. Tarpey	Chauffeur
June 2, 1918	24	Edmund Roberts, Jr.	"
Dec. 7, 1917	29	William P. Robert	Hoseman
Feb. 2, 1920	26	William E. Blanchard	"
Feb. 2, 1920	17	George F. Gleason	"
Nov. 23, 1920	27	Joseph Robinson	"
May 1, 1921	19	William Clarkson	"
Nov. 15, 1925	25	Hubert C. Brown	"
April 13, 1927	22	Stephen Lehman	"
Dec. 8, 1929	23	Marianno M. Pacheco	"

ENGINE COMPANY No. 3.

Date of Joining Dept.	No. of Badge	Name	Rank
May 1, 1896	31	James H. Mahoney	Captain
Nov. 21, 1913	32	Charles J. Calnan	Lieutenant
Feb. 2, 1920	33	Robert J. Sullivan	Chauffeur
June 1, 1925	34	Eric Henthorn	"
July 11, 1904	37	Frank R. Riley	Hoseman
May 12, 1909	38	Thomas F. Breakell	"
Feb. 2, 1920	40	Benoni T. Sweet	"
Feb. 2, 1920	39	Louis E. Blossom	"
Jan. 1, 1895	36	Edward C. Neagus, Jr.	"
Feb. 2, 1920	41	George H. Spooner	"
Dec. 18, 1894	42	John T. Conway	"
Feb. 11, 1908	35	John Sylvia	"

ENGINE COMPANY No. 4.

Date of Joining Dept.	No. of Badge	Name	Rank
May 1, 1910	44	William S. Gatenby	Captain
Dec. 30, 1895	51	John E. Joseph	Lieutenant
Feb. 2, 1920	59	Frederick Wignall	Chauffeur
Sept. 8, 1920	52	John J. O'Brien	"
May 28, 1894	45	Louis A. Viereck	Hoseman
Feb. 2, 1920	47	Philias J. Chartier	"
Oct. 7, 1913	43	Joseph E. Freitas	"
Aug. 13, 1922	46	Joseph A. Walker	"
Dec. 9, 1917	55	Thomas McCue	"
Sept. 7, 1917	54	Frank E. Souza	"
Mar. 23, 1923	48	Joseph C. Vincent	"
Feb. 2, 1920	49	James V. Brennan	"
Oct. 12, 1924	56	Edward Dupuis	"
May 3, 1931	57	Milton G. Cleveland	"

ENGINE COMPANY No. 6

Date of Joining Dept.	No. of Badge	Name	Rank
July 20, 1924	138	Milton C. Andrews	Captain
May 21, 1911	131	John E. McDonald	Lieutenant
Oct. 26, 1903	136	Frank H. Vincent	Chauffeur
Sept. 11, 1906	134	Henry L. Burding	"
Jan. 1, 1895	124	George H. Whelan	Hoseman
Oct. 19, 1908	132	John McQuilken, Jr.	"
Nov. 1, 1910	123	Thomas Wooley, Jr.	"
Feb. 2, 1920	126	Anthony V. Gracia	"
Feb. 2, 1920	128	Joseph Campos	"
Feb. 2, 1920	129	Lawrence F. Cocking	"
Feb. 2, 1920	127	Philip Kilbride	"

ENGINE COMPANY No. 7.

Date of Joining Dept.	No. of Badge	Name	Rank
Sept. 1, 1890	205	Edward H. Coggeshall	Captain
Mar. 17, 1928	215	Philip A. Rainville	Lieutenant
Dec. 31, 1928	212	Theodore J. Schoene	Chauffeur
Jan. 27, 1918	211	William J. Martin	"
Dec. 13, 1898	202	John H. Galligan	Hoseman
Feb. 2, 1920	198	Michael F. Sullivan	"
May 2, 1918	201	Alfred J. Normandin	"
Mar. 1, 1901	199	Henry Leeming	"
Feb. 2, 1920	195	Thomas A. Bond	"
Feb. 2, 1920	204	Joseph P. Foley	"
May 1, 1921	200	John Rebello	"
Aug. 13, 1922	207	Leonard Mason	"

ENGINE COMPANY No. 9.

Date of Joining Dept.	No of Badge	Name	Rank
Sept. 6, 1917	146	Joseph Rumney	Captain
Dec. 15, 1912	148	Michael J. Melia	Lieutenant
June 1, 1907	150	Horace A. Bird	Chauffeur
Sept. 30, 1917	157	Manuel C. Claudino	"
Dec. 6, 1886	145	John F. Parker	Hoseman
Nov. 25, 1917	149	Walter H. Hawes	"
Dec. 13, 1917	159	William A. Nelson	"
Dec. 1, 1917	156	Stephen F. Miller	"
Feb. 2, 1920	155	Arthur J. Gallant	"
Feb. 2, 1920	151	Gilbert Green	"
Feb. 2, 1920	154	John Murphy	"
Mar. 21, 1926	152	Samuel Shorrock	"

ENGINE COMPANY No. 10.

Date of Joining Dept.	No. of Badge	Name	Rank
May 9, 1905	240	Edward J. Bly	Captain
Oct. 19, 1908	242	William F. McDonald	Lieutenant
Dec. 2, 1917	246	Alexander Strack	Chauffeur
Nov. 27, 1917	248	Henry Hesford, Jr.	"
Nov. 23, 1913	249	Thomas J. Summers	Hoseman
July 17, 1918	243	William H. Green	"
Feb. 2, 1920	241	James W. Coyne	"
Feb. 2, 1920	251	Edgar J. Ross	"
Feb. 2, 1920	252	Albert J. Abrain	"
Feb. 2, 1920	254	George D. Daudelin	"
Feb. 2, 1920	247	Arthur E. Dudevoir	"
Oct. 7, 1923	250	John B. Jennings	"

HOSE COMPANY No. 1

Date of Joining Dept.	No. of Badge	Name	Rank
May 9, 1916	85	Albert Wooley	Captain
May 1, 1921	83	Herbert H. Stone	Lieutenant
Nov. 30, 1919	80	Peter J. Cournoyer	Chauffeur
May 1, 1921	84	James P. Quinn	"
May 1, 1921	88	Arthur W. Raymond	Hoseman
Feb. 16, 1928	82	Henry J. Fisher	"
Feb. 17, 1929	87	Rene C. H. Boutin	"
Apr. 28, 1929	86	John J. Mullarkey	"
June 16, 1929	79	John W. Etchells	"
Dec. 7, 1930	81	Arthur Poitras	"

HOSE COMPANY No. 2.

Date of Joining Dept.	No. of Badge	Name	Rank
July 13, 1908	185	Edward A. Pollock	Captain
Sept. 16, 1917	191	John Hubbard	Lieutenant
Oct. 1, 1917	192	Joseph G. E. Bessette	Chauffeur
Nov. 25, 1917	187	Charles A. Vail	"
Feb. 2, 1920	194	Sam Julio	Hoseman
May 1, 1921	186	Laurence J. O'Connor	"
Feb. 2, 1920	193	Godias J. Boucher	"
Feb. 2, 1920	188	Louis J. R. Comeau	"
May 1, 1921	189	George Klemm	"
May 1, 1921	190	Edward Marsh	"

HOSE COMPANY No. 4.

Date of Joining Dept.	No. of Badge	Name	Rank
Nov. 25, 1917	270	Albert P. Bochman	Captain
Aug 11, 1908	271	James Sanderson, Jr.	Lieutenant
July 17, 1918	267	Walter Earnshaw	Chauffeur
Aug. 1, 1917	274	Daniel O'Neil	"
Jan. 4, 1900	275	Richard F. Burke	Hoseman
July 17, 1918	272	Robert Cocking	"
Feb. 2, 1920	273	Francis M. Dowd	"
Feb. 2, 1920	265	James T. O'Brien	"
Feb. 2, 1920	268	Frank Cheetham	"
Jan. 1, 1923	276	Thomas Spence	"

FOAM CHEMICAL COMPANY, No. 5

Date of Joining Dept.	No. of Badge	Name	Rank
Nov. 25, 1917	18	Nathaniel H. Caswell, Jr.	Chauffeur
July 9, 1920	30	Walter E. Cobb	"
Nov. 25, 1917	60	Manuel G. Marshall	Hoseman
Feb. 2, 1920	5	Joseph W. Lajeunesse	"
Dec. 7, 1930	3	Theodore J. Frings	"

LADDER COMPANY No. 1.

Date of Joining Dept.	No. of Badge	Name	Rank
Aug. 29, 1904	92	William N. Whelan	Captain
July 1, 1896	95	William L. Durfee	Lieutenant
July 4, 1920	104	Fred Clarkson	Chauffeur
May 1, 1910	97	Norman S. Dyer	"
Feb. 2, 1920	103	Joseph DeTerra	Tillerman
Feb. 2, 1920	99	Thomas W. Bell	"
Oct. 7, 1918	101	Edward J. Regan	Ladderman
Feb. 2, 1920	96	John T. King	"
April 22, 1896	105	Charles E. Robertson	"
Mar. 18, 1923	107	John J. Brennan	"
April 2, 1922	100	Joseph Miler	"
July 20, 1925	106	Boleslaw Antonievicz	"
Feb. 15, 1927	98	Alphonse Picard	"

LADDER COMPANY No. 2.

Date of Joining Dept.	No. of Badge	Name	Rank
Jan. 3, 1915	178	Frank J. Nicklas	Captain
Oct. 1, 1895	176	John E. Murphy	Lieutenant
July 29, 1920	181	Walter C. Martin	Chauffeur
Mar. 1, 1892	173	William Selleck	"
May 1, 1921	179	Leo. F. McGoff	Tillerman
July 17, 1918	172	Roland H. Cobb	"
Dec. 1, 1917	183	Albert Berry	Ladderman
Feb. 2, 1920	171	William Belisle	"
Feb. 2, 1920	180	William W. Entwistle	"
May 1, 1921	175	Theodore A. Cote	"

LADDER COMPANY No. 3.

Date of Joining Dept.	No. of Badge	Name	Rank
Dec. 15, 1892	232	Charles E. Greene	Captain
Mar. 7, 1911	233	Arthur E. Souza	Lieutenant
Jan. 2, 1918	227	Thomas W. Whittaker	Chauffeur
Nov. 26, 1917	234	William Beehan	"
Oct. 1, 1902	228	Frank T. Cooke	Tillerman
Jan. 7, 1917	230	Alfred A. DesRoches	"
Nov. 25, 1917	224	Thomas Collins	Ladderman
Feb. 2, 1920	226	Arthur Harwood	"
Feb. 2, 1920	222	Henry F. Pykosz	"
Feb. 2, 1920	220	Richard Pinnington	"
Feb. 2, 1920	221	George Sherratt	"
Feb. 3, 1920	218	Thomas F. Flood	"
Sept. 6, 1920	231	Frank C. Corre	"

LADDER COMPANY No. 4.

Date of Joining Dept.	No. of Badge	Name	Rank
Oct. 23, 1903	280	Frank N. Cleveland	Captain
Oct. 14, 1915	288	Percy Shepherd	Lieutenant
Dec. 7, 1919	286	William A. Lenhart	Chauffeur
Dec 2, 1917	283	Irving W. Nelson	"
Dec. 1, 1917	282	Edward McKay	Tillerman
Nov. 7, 1918	287	Joseph E. Pidgeon	"
Feb. 3, 1920	284	Frederick Walker	Ladderman
Apr. 12, 1921	292	Joseph Carter	"
Dec. 18, 1921	290	Thomas E. Lundy	"
Sept. 24, 1922	291	Albert Schoene	"
Mar. 18, 1923	285	Patrick B. Costello	"
Mar. 30, 1924	289	Hervey J. Laferriere	"
July 11, 1926	293	Arthur Millette	"

LADDER COMPANY No. 5.

Date of Joining Dept.	No. of badge	Name	Rank
Dec. 31, 1888	70	Thomas H. Forbes	Captain
Jan. 8, 1907	75	Ernest G. S. Teachman	Lieutenant
Oct. 23, 1906	71	James S. Cooke	Chauffeur
Feb. 3, 1902	72	Charles H. Lawrence	"
Sept. 1, 1892	77	Charles A. Haskins	Ladderman
May 9, 1905	69	Joseph A. Mahoney	"
May 1, 1918	67	Lawrence J. Boland	"
May 1, 1921	73	Charles J. McKenna	"
April 2, 1918	74	John F. Maguire	"
Oct. 19, 1908	68	William J. Gibbs, Jr.	"

THE NEW BEDFORD PROTECTING SOCIETY

1931.

PRESIDENT:

JOSEPH F. CORNWELL

DIRECTORS.

HENRY S. HUTCHINSON
CHARLES S. BAYLIES
F. OSCAR COVILL
FRANK P. R. PATTERSON
ERNEST H. BOUCHER
GEORGE I. MACY
FREDERICK B. MACY
WILLIAM C. PHILLIPS

SECRETARY AND TREASURER:

GEORGE P. HURLL

Merrill D. Anthony
F. T. Baird
John K. Blair
Armond J. Bonneau
George Bonneau
Zoel C. Boucher
Williams S. Bourne
Harry C. Brightman
Arthur T. Brooks
Andrew J. Brooks
Frederic T. Browne
Frederic T. Browne, Jr.
T. Harold Burke
Everett B. Case
Laurance D. Chapman
Chester W. Chase
I. H. Coe, Jr.
Otis P. Cook
William C. Dawe
Arthur D. Delano
Benjamin T. Dobson
James K. Donaghy
Otis N. Dunham
Wellington A. Francis
Samuel E. Gabriel
Henry Howard, Jr.
Charles S. Kelley, Jr.
Metcalf Kingman
John T. Kirk
Henry S. Knowles
John M. Lancaster
Herbert Macy
J. Roland Macy
Hyman Mendelson
Edward A. Oesting
Stephen D. Peirce
Samuel H. Perry
George W. Peterson
Charles R. Phillips
Curtis M. Pierce
Aime J. Poirier
William F. Potter
Joseph M. Read
W. Kempton Read
Chester P. Rexford
Edward B. Robbins
William A. Robinson, Jr.
Charles A. Russell
Arthur Sharples
John C. Shaw, Jr.
Nat. C. Smith
George A. St. Germain
Martin H. Sullivan
Horace W. Swift
Frederic H. Taber
William T. Taylor
Walter J. Thorpe
Clifton P. Tuell
Wesley Watson
James A. Webber
Eugene L. Wells
Thomas W. Williams
T. Wilson Williamson
Henry S. Winslow
David S. Wood

FIRE ALARM TELEGRAPH

SUPERINTENDENT
EDWARD F. DAHILL, Chief of Department.
Assistant Superintendent
ROBERT E. ALLEN

LOCATION OF SIGNAL BOXES.

PRIVATE BOXES

1

112 Pairpoint Corp.
113 Quissett Mill
114 City Mills
115 Potomska Mills
116 Acushnet Mills
117 Hathaway Mills
118 Dartmouth Mills
12 Butler Mill
122 Holmes Mill
124 Booth Mill
125 Kilburn Mill
13 Page Mill
131 Gosnold Mill
132 Fisk Rubber Co., Orchard st
133 Devon Mill, Orchard st
134 Fisk Rubber Co., Bolton st
135 Sharp Mills
14 Morse T. D. & M. Co.
141 Frank L. Young Co.
142 N. B. Gas & E. Light Co., Water st
143 N. E. Steamship Co.
145 U. S. Ry. Co., Power House
146 U. S. Ry. Co., Popes Island
147 Terminal Warehouse, Front st
148 J. C. Rhodes & Co.
149 State Pier
15 N. B. Cordage Co.
16 St. Luke's Hospital, Allen st
19 Acushnet Park

2

21 E. E. Taylor Shoe Co.
211 N. B. Spinning Co.
212 Wamsutta Mills
213 Grinnell Mills
214 Bristol Mill
215 Fairhaven Mills, Coggeshall st
216 Pierce Mill, Belleville av & Sawyer
2161 Pierce Mill, foot of Dean st
217 Fairhaven Mills, Sawyer st
218 Soule Mill
221 Whitman Mills
223 Manomet Mill No. 1 ft Hathaway
2231 Manomet Mill No. 2, ft Nash rd
224 Nashawena Mills A, Belleville av and Belleville rd
2241 Nashawena Mills A, Belleville av and Hatch st
2242 Nashawena Mills A, Conduit st, ft. Central av
225 Nonquitt Mill No. 1, ft Covell st
2251 Nonquitt Mill No. 2, ft Covell st
226 Nashawena Mills B, ft. Ingraham st
2261 Nashawena Mills B, ft. Ingraham
229 Allen Co., River rd
231 Pierce Bros. Ltd. Mill
232 Taber Mill
233 N. B. Cotton Mills
234 Beacon Mills
235 National Spun Silk Co.
24 U. S. Ry Co., Weld st
241 Snell & Simpson
242 Smith Bros. Brewery
243 N. B. Warehouse, Sawyer st
244 Dawson's Brewery
245 Union Warehouse, Nash Road
246 Belleville Warehouse
247 N. B. Cotton Waste Co.
25 N. E. Oil Refining Co.
251 Taunton-N. B. Copper Co.
252 Z. B. Davis Corp.
253 Freight House, Pearl st
254 Freight House, Willis st
255 Railroad Engine House
256 Hill & Cutler Co.
257 Wamsutta Sheeting Factory
259 J. Rubin & Sons, 223 No. Second st
26 Neild Mill
261 Manomet Mill No. 4 King st
28 Continental Wood Screw Co.
281 Nauset Warehouse
282 Garbage Plant, Shawmut av, north from Hathaway rd
29 Lambeth Rope Works, Tarkiln Hill rd
291 J. I. Paulding, Inc., King's Highway

PUBLIC BOXES

3

3 Lunds Corner
31 Acushnet av and Wood st
311 Acushnet av and Perry st

312 Acushnet av and Hatch st
313 Acushnet av and Belleville rd
315 Howard av and Belleville av
316 Belleville av and Covell st
317 Belleville rd and Hope st
318 Belleville rd and Diman st
319 Acushnet av and Nash rd
323 Arlington and Clifford sts
324 Concord and Shaw sts
325 Arlington and Query sts
326 Ashley blvd and Shaw st
327 Ashley blvd and Glennon st
329 Nash rd and Ashley blvd
332 Church and Glennon sts
334 Nash rd and Church st
343 Carlisle and Milford sts
345 Irvington and Rochambeau sts
363 Shawmut av and Plainville rd
37 Harwich and Conduit sts
371 Wood and Felton sts
372 Tarkiln Hill rd and Felton st.
373 Branscomb and Orleans sts
374 Ashley blvd and Wood st
375 Tarkiln Hill rd and Ashley blvd
376 Tarkiln Hill rd and Prescott st
38 Acushnet and Squin avs
382 Acushnet av and Braley rd
383 Acushnet av and White st
385 Acushnet av and Forbes st
386 Acushnet av and Phillips rd
387 Acushnet av and Chaffee st
388 Acushnet av and Pontiac st

4

4 Tinkham av and No. Front st
41 Hathaway and Diman sts
411 Belleville av and Davis st
412 Acushnet av and Davis st
413 Ashley blvd and Coffin av
4131 Ashley blvd and Phillips av
414 Coffin av and No. Front st
415 Belleville and Coffin avs
416 Acushnet av and Bullard st
42 Belleville av and Nye st
421 Tallman st and Ashley blvd
422 Acushnet av and Sawyer st
423 Holly and No. Front sts
43 Acushnet av and Coggeshall st
431 Belleville av and Coggeshall st
432 Cedar Grove and No. Front sts
433 Cedar Grove st and Acushnet av
4331 Cedar Grove and Howard sts
434 Acushnet av and Washburn st
435 Hicks and No. Front sts
441 Brook and Earl sts
442 Ashley blvd and Earl st
451 Mt. Vernon and Highland sts
452 Mt. Pleasant and Peckham sts
453 Summer and Adams sts
454 Mt. Pleasant and Sawyer sts
459 Mt. Pleasant st & Kings Highway
46 Sawyer and County sts
461 Coggeshall and Reynolds sts
4611 County and Coggeshall sts
462 Purchase and Cedar Grove sts
463 County and Clark sts
464 Myrtle and Clark sts
47 Purchase and Linden sts
471 County and Linden sts
472 Durfee and Summer sts
473 Durfee and Highland sts
48 Shawmut av and Durfee st
482 Shawmut av and Potter st
484 Shawmut av and Hathaway rd
49 Rockdale av and Grant st
494 Rockdale av and Hathaway rd

5

5 Parker St. near Summer st
51 County and Parker sts
511 Hazard and State sts
512 Merrimac and State sts
513 Purchase and Franklin sts
514 Purchase and Willis sts
515 Acushnet av and Wall st
516 Acushnet av and Maxfield st
517 State and Sycamore sts
5171 Maxfield and Pleasant sts
52 Richmond and Austin sts
521 Shawmut av and Maitland st
522 Cottage and Robeson sts
5221 Home for the Aged, Summer and Austin sts
523 Robeson and Summer sts
5231 County and Merrimac sts
524 Cedar and Locust sts
525 Shawmut av and Parker st
526 Chestnut and Willis sts
527 Cedar and Smith sts
5271 Cedar and Maxfield sts
53 Kempton and Cedar sts
531 Kempton and Chancery sts
532 Kempton and Liberty sts
533 Kempton and Florence sts
534 Kempton st and Rockdale av
536 Kempton and Jenny Lind sts
54 Purchase and North sts
541 No. Water and North sts
542 No. Water and Middle sts
543 Fish Island
544 Rodman and Front sts
551 County and Maxfield sts
552 County and Kempton sts
553 Pleasant and High sts
554 Purchase and Elm sts
5541 W. T. Grant Co.

5543 C. F. Wing Co.
556 William and No. Sixth sts
5561 Cummings & Cummings
557 County and Morgan sts
5571 Summer and Middle sts
56 Union and Eighth sts
561 Union and Purchase sts
5611 Hutchinson's Book Store Bldg.
5612 N. B. Dry Goods Co.
5613 Masonic Bldg.
5614 Standard Building
5615 A. E. Coffin Press
562 William and No. Second sts
563 Union and Water sts
5631 Driscol, Church and Hall
57 Cottage and North sts
571 Hillman and Ash sts
572 Park and Keene sts
573 Park and Smith sts
581 Union and Ash sts
582 Union and Ocean sts
583 Union and Rounds sts
59 Cottage and Court sts
591 Court and Park sts
5911 Court and Liberty sts
592 Court and James sts
593 Palmer and Elm sts
594 Court and Reed sts
595 Buttonwood and Lake sts
596 Brownell av and Pinette st

6

6 Pleasant and School sts
61 Purchase and Madison sts
611 Second and School sts
6111 Parson's Steam Laundry
612 Walnut and So. Water sts
613 So. Water and Coffin Sts
614 So. Water and Leonard sts
615 Acushnet av and Cannon st
616 Bedford and So. Sixth sts
6161 Pleasant and Russell sts
617 Walnut and Seventh sts
62 Allen and Dartmouth sts
621 Bedford and Borden sts
622 Ward and Bay sts
623 Allen and Page sts
624 Allen and Brigham sts
625 Allen and Reed sts
63 Hawthorn and Cottage sts
631 Hawthorn and Page sts
632 Hawthorn and Brigham sts
633 Ryan and Brownell sts
634 Carroll and Reed streets
635 Maple and Rounds sts
636 Hawthorn st and Rockdale av
64 Orchard and Clinton sts
641 Arnold and Ash sts
642 Arnold and Atlantic sts
643 Arnold and Rotch sts
644 Arnold and Reed sts

7

7 Howland and So. Second sts
71 Purchase and South sts
711 So. Water and South sts
7111 Acushnet av, north from South st
712 Potomska and So. First sts
713 Acushnet av and Rivet st
714 So. Water and Blackmer sts
715 So. Water and Division sts
716 So. Water and Cove sts
717 Cove and Viall sts
72 County and Grinnell sts
721 Rockland and Hall sts
722 County and Thompson sts
7221 Crapo and Thompson sts
723 County and Blackmer sts
7231 Division st and Acushnet av
724 County and Mosher sts
725 County and Cove sts
73 Washington and Crapo sts
731 Orchard and Fair sts
732 Briggs and Thompson sts
7321 Hemlock and Thompson sts
733 Bolton and Rivet sts
734 Crapo and Rivet sts
735 Crapo and Division sts
7351 Katherine and Bonney sts
74 Dartmouth and Hickory sts
741 Dartmouth and Rockland sts
742 Dartmouth and Rivet sts
743 Dartmouth and Dunbar sts
744 Hemlock and Swift sts
745. Hemlock and Sagamore sts
7451 Hemlock st and Rockdale av
746 Field and Matthew sts
747 Rockdale ave and Sharp st
748 Rockdale ave and Luke st

8

8 Almshouse
81 Isolation Hospital
811 Brock av and Hudson st
812 Brock av and Capitol st
813 Brock av and Butler st
8131. Brock av and Frederick st
814 Brock av and Rodney st
815 Brock av and George st
816 Ruth and Ashley sts
82 Rodney French blvd, west, and Brock av
821 Rodney French blvd, west, and Willard st
822 Rodney French blvd, west and Oaklawn st
83 Rodney French blvd, east and Cove st
831 Rodney French blvd, east, and Frederick st

SPECIAL SIGNALS

22 struck twice, No School Signal
99 Struck four times, Police Call
10 blows struck twice, Military Call.
15 blows struck twice, Naval Call.
38 blows struck once, Civil Relief Committee Call.

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

January 28, 1932.

Received, ordered printed in the city documents, and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

January 28, 1932.

Concurred.

RUTH G. HILTON,
Clerk.

Fifty-third Annual Report

OF

THE BOARD OF HEALTH

OF THE

City of New Bedford

To the City Council for the Year 1931.

NEW BEDFORD, MASS.

1932

Office of Board of Health,
New Bedford, Jan. 28, 1932

To His Honor, the Mayor and
Gentlemen of the City Council:

In presenting this, the 53d annual report of the Department of Health, there is but little to add to the various reports submitted by the Division heads, to which we call your attention.

During the year the Board made an effort to rid the city of its growth of rag weed. In a few instances there was response to our appeal, but the great majority did not seem to heed it. Only sufferers from asthma and hay fever hailed with pleasure the movement to rid the city of this growth. If every property holder would look after his own in this matter, how easy it would be to rid New Bedford of this annoyance.

Our intensive drive was made towards the enforcement of the food exposure law. For the past 15 years, the food laws have become a very important feature of health work, and it requires persistent effort on the part of the Board and its inspectors looking after markets and stores, where were found the principal offenders. However, before the year ended there was accomplished good results, especially in the display of candies and sweets in the larger stores exposed to every one entering the store. Frequently these displays were handled by persons as they entered or left the store, a very unsanitary habit, and often proved a financial loss to the storekeeper. Now we are pleased to say that these displays are properly protected, cannot be reached by passersby, and proprietors appreciate the effort made for protection along this line. During the year there were 4165 inspections of markets and stores, 422 inspections of lunch carts and restaurants, and 300 inspections of bakeries.

Respectfully submitted,

Joseph R. Glennon
Holder C. Kirby, M. D.
John M. Salles, M. D.
Board of Health

REPORT OF AGENT & EXECUTIVE OFFICER

New Bedford, Jan. 11, 1932

To the Board of Health,

Gentlemen:

The whole number of deaths in 1931 was 1349, an increase of 110 over the number for 1930, while in 1930 there was a falling off of the same number as compared with 1929. The leading causes of death in 1931 were Disease of the Heart 244, Cerebral Hemorrhage 155 and Cancer 114.

Both Broncho-Pneumonia and Lobar Pneumonia showed an increase over the year previous, the first named registering 129 deaths and Lobar Pneumonia 36. Pulmonary Tuberculosis took a small drop, the record being 71 against 76 in 1930.

The mortality rate for the year just closer was 11.72, while the adjusted rate was 10.87, there having been during the year 122 deaths of non-residents.

The infant mortality was the highest in several years, the rate being 84.27.

There were no deaths from alcoholism during 1931, an incident which may surprise those who are interested in this particular cause.

There were 21 suicides, an increase of seven over the year previous, all but one being the gas route.

One person Margaret Mann, nearly reached the age of 105 years.

For the first time within the recollection of the writer, the group contributing the largest number of deaths was between 70 and 80 years of age. Usually it is the group between 60 and 70 years that leads, but last year the first named had the record, leading with 254, three more than the group between 60 and 70 years.

The following is the record of deaths and mortality rates since 1889:

Year	Deaths	Rate	Population
1890	775	18.9+	41,000
1891	960	21.8+	*44,000
1892	973	21.62	45,000
1893	1070	23.77	45,000
1894	1037	21.18	49,000
1895	1055	19.09	*55,251
1896	1192	20.91	57,000
1897	1275	21.98	58,000
1898	1111	18.33	59,000
1899	1161	19.35	60,000
1900	1285	20.57	*62,442
1901	1236	19.08	64,826
1902	1331	19.80	67,210
1903	1590	22.84	69.594
1904	1347	18.71	71,978
1905	1275	17.14	*74,326
1906	1333	16.85	79,078
1907	1546	18.38	84,102
1908	1579	17.79	88,591
1909	1594	17.12	*93,093
1910	1817	18.79	*96,652
1911	1730	16.94	102,098
1912	1655	15.86	104,302
1913	1673	15.52	107,766
1914	1750	16.05	109,000
1915	1719	15.67	*109,652
1916	1810	15.31	118,158
1917	1785	15.1+	118,158
1918	2905	24.28+	119,577
1919	1626	13.25	122,695
1920	1749	14.42+	121,217
1921	1380	11.38	125,012
1922	1560	12.23+	127,542
1923	1583	11.6 +	135,457
1924	1342	9.79	136,966
1925	1392	10.3	135,132
1926	1505	11.9 +	126,242
1927	1305	10.76	121,410
1928	1354	11.40	118,737
1929	1349	11.96	112,693
1930	1239	10.98	*112,804
1931	1349	11.72+	*112,804

*Census

THE NEWLY BORN

During the year 1931, there was a slight falling off in the number of infants attended by midwives in 1930, the number being 80, while last year there were four less. Most of the cases reported during the year by all concerned in Infant Welfare work were for slight discharges of the eye. Last year there were but three cases of ophthalmia neonatorum against two in 1930. The prompt use of silver nitrate solution, furnished by the State Department of Health, now in general use in the city, is undoubtedly the reason for this decline in serious eye trouble in the newly born.

BIRTHS 1931

	Number of Births	Number reported by Midwives	Visits by O. N. Nurses	Cases of Oph. Neon.	Cases of Supp. Conj.
January	123	8	48	1	4
February ...	131	6	95	0	3
March	162	7	52	1	8
April	155	2	71	0	3
May	138	13	57	0	3
June	165	9	28	0	5
July	175	6	44	0	5
August	175	4	10	0	1
September ..	159	6	55	0	8
October	151	10	53	1	1
November ...	139	1	8	0	4
December ...	163	4	54	0	6
Total	1836	76	575	3	51

INFANT MORTALITY

There were 157 deaths of children under one year of age during the past year, an increase of 50 over the year 1930.

The number of births reported to date was 1863, 127 less than in 1930, when there were 1990.

Based on these figures, the infant mortality is 85.51, the highest rate since 1926, when it was 100.3.

As usual, the number of deaths during the first month of life was in line with previous years, 90 dropping by the wayside, and of this number, 43 failed to reach a full 24 hours.

The following table gives the record of deaths under one month for the last five years:

Year	Under 1 Month
1927	98
1928	96
1929	62
1930	64
1931	90

The best record in the history of the city was in 1930, when there were 107 deaths of children under one year, with a mortality rate of 53.72.

The infant death rate since 1893 is shown in the following table:

	Births	Deaths Under 1	Rate
1894	1971	338	171.48
1895	1799	330	183.43
1896	2228	466	209.15
1897	2368	420	177.32
1898	2251	375	166.59
1899	2213	343	154.99
1900	2374	424	178.60
1901	2658	361	135.81
1902	2579	425	164.79
1903	2569	442	172.05
1904	2700	423	156.66
1905	2852	400	140.25
1906	3186	432	135.59
1907	3448	544	156.61
1908	3735	509	136.27
1909	4044	543	134.27
1910	3964	689	173.81
1911	4203	589	140.13
1912	3727	552	148.10
1913	3795	536	141.23
1914	3732	534	143.08
1915	3679	495	134.55
1916	3651	485	132.84
1917	3792	495	130.55
1918	4122	760	184.33
1919	3545	414	116 88
1920	3656	428	117.07
1921	3681	346	93.99
1922	3344	345	103.01
1923	3300	347	105.1
1924	3169	247	77.94
1925	3010	241	80.+
1926	2762	285	100.3+
1927	2433	162	66.+
1928	2391	187	78.+
1929	2028	133	65.+
1930	1990	107	53.72
1931	1863	157	84.27

CHILD MORTALITY — 1931

	1-2	2-3	3-4	4-5	Male	Female
January	2	0	1	0	1	2
February	3	0	3	0	1	5
March	3	0	0	1	4	0
April	3	4	3	3	4	9
May	5	2	0	0	2	5
June	5	1	0	1	2	5
July	1	3	0	1	4	1
August	1	0	0	2	2	1
September	0	0	0	2	0	2
October	0	0	1	1	2	0
November	1	0	0	0	0	1
December	1	0	0	2	1	2

INFANT MORTALITY IN DETAIL

1931	Total Deaths	Under 1 day	1 day-2 days	2 days-3 days	3 days-1 week	1 week-2 weeks	2 weeks-3 weeks	3 weeks-1 month	1 month-2 months	2 months-3 months	3 months-6 months	6 months-9 months	9 months-1 year.	M.	F.
January	14	6	2	0	1	0	1	0	1	1	0	1	1	8	6
February	15	3	0	0	0	1	3	0	1	0	5	1	1	10	5
March	15	2	0	1	1	2	0	0	1	2	1	3	2	10	5
April	23	2	3	1	0	2	2	2	0	1	4	2	4	10	13
May	15	4	0	1	0	0	0	0	1	0	4	2	3	6	9
June	8	3	1	0	0	0	0	0	0	0	2	2	0	5	3
July	17	5	3	1	0	3	2	0	0	1	1	1	0	8	9
August	9	4	2	0	0	1	1	0	0	0	1	0	0	2	7
September	7	3	1	0	0	0	0	0	0	0	1	1	1	3	4
October	15	5	0	1	2	0	3	1	1	0	0	1	1	8	7
November	12	3	0	0	1	1	0	0	1	1	2	1	2	6	6
December	7	3	0	0	0	0	0	1	0	0	2	1	1	3	4
Total															
Males		21	4	2	1	7	7	3	3	4	14	9	4	79	157
Females		22	8	3	4	3	5	1	3	2	7	9	11	78	

Classification No.	Causes of Death	Under 1 day	1 day-2 days	2 days-3 days	3 days-1 week	1 week-2 weeks	2 weeks-3 weeks	3 weeks-1 month	1 month-2 months	2 mos.-3 mos.	3 mos.-6 mos.	6 mos.-9 mos.	9 mos.-1 year	M	F
161a	Premature Birth	27	4	·	2	2	2	1	·	1	1	1	1	19	23
161b	Injury at Birth	3	1	·	1	1	·	·	·	·	·	·	·	2	4
159a	Cong. Malformation	·	·	·	·	·	·	·	·	1	·	·	·	0	1
159b	Cong. Heart	1	·	1	·	1	·	·	·	·	2	1	·	5	1
159c	Cong. Heart	2	·	·	·	1	·	·	·	·	·	·	·	1	2
160	Congenial Debility	3	·	·	·	2	2	1	·	·	1	·	·	3	6
162	Other Diseases	6	4	3	1	2	1	1	·	1	·	·	·	13	6
113	Diarrhea and Ent.	·	·	·	·	·	·	1	3	·	5	·	·	5	4
118b	Hernia	·	·	·	·	·	·	·	1	·	·	·	·	1	0
100	Broncho Pneumonia	·	3	·	·	·	1	·	·	4	9	10	8	20	15
101a	Lobar Pneumonia	·	·	·	·	·	·	1	·	·	·	·	1	0	2
99a	Bronchitis	·	·	·	·	·	·	·	·	·	·	·	1	0	1
99b	Bronchitis	·	·	·	·	·	·	·	·	·	·	·	·	0	0
80	Inf. Convulsions	1	·	·	·	·	·	·	·	·	·	·	·	0	1
205a	Natural Causes	·	·	·	·	1	2	1	·	2	2	·	·	5	3
32	T. B. Meningitis	·	·	·	·	·	·	·	·	·	·	1	1	0	2
11a	Influenza	·	·	·	·	·	·	·	·	·	·	·	·	0	0
41	Septicaemia	·	·	·	·	1	·	·	·	·	·	1	·	2	0
10	Diphtheria	·	·	·	·	·	·	·	·	·	·	·	·	0	0
107a	Pneumonitis	·	·	·	·	·	·	·	·	·	·	·	1	0	1
86	Otitis Media	·	·	·	·	·	·	·	·	·	1	·	·	1	0
62	Enl. Thimus Gland	·	·	·	·	·	·	·	·	1	1	·	·	0	2
9	Whooping Cough	·	·	·	·	·	·	·	·	·	1	1	1	1	2
131	Other Dis of Kidneys	·	·	·	·	·	·	·	1	·	·	·	·	0	1
180	Suffocation	·	·	·	·	·	·	·	·	·	·	·	·	1	0
102	Pleurisy	·	·	·	·	·	·	·	·	·	·	1	·	0	1
														79	78

TUBERCULOSIS

During the year, 135 new cases of pulmonary tuberculosis were reported, the smallest number in many years. Notwithstanding this fact, a great many of this number were so far advanced, that it seems incredible that persons will allow this disease to gain such headway when so much publicity has been given to the ill effest of neglect. It is a record which is discouraging, especially in view of the persistent effort which the department of health has made to promote the early recognition of this disease, and the free diagnostic service it has provided, to say nothing of the state wide movement on the part of the State Department of Health in this work. At Sassaquin Sanatorium, it has been apparent to the officials of that institution, that for the last two years, they have received more advanced and moderately advanced cases than in former years. The result has been that last year there were but few empty beds, and the year 1932 started in with a long waiting list for that institution.

The number of patients treated at Sassaquin last year was 189 of which number 79 were married and 110 single. Of the patients treated 9 were discharged improved, 14 apparent arrested, 11 quiescent, 15 unimproved and 30 died.

The Nativity of the Patient follows;

New Bedford	86	Newfoundland	1
Other cities in U. S. A.	34	Greece	1
Portugal	29	Bohemia	1
Cape Verde Islands	7	Syria	1
Poland	5	China	1
England	8	Austria	1
Canada	11	Ireland	2
Finland	1		

The Occupations of these Patients are classified as follows:

Mill Operatives	58	Agent	1
Students	45	Salesman	1
At Home	9	Dressmaker	2
No occupation	14	School Teacher	2
House work	12	Toymaker	1
Clerks	8	Children	2
Seaman	3	Bank Clerk	1
Laborer	7	Teamster	1
Barber	1	Electrician	2
Waitress	1	Stenographer	2
Attendant	1	Taxi Driver	1
Drug Clerk	1	Glass Cutter	2
Gardener	1	Motorman	1
Painter	1	Laundryman	1
Quarryman	1	Plasterer	1
Driver	1	Salesgirl	1

INFANTILE PARALYSIS

During the year, in common with other sections of the country, principally New York and Connecticut, we had an epidemic of infantile Paralysis. It began during the middle of June and continued through September. Fortunately, the disease was of a mild type, much lighter than in former years, and but few deaths resulted. The number of cases actually found in the city was 29, but during the summer many cases from the surrounding towns were sent to St. Luke's Hospital in this city for treatment. From reports which are available, it is apparent that a lower incidence of crippling marks the record of 1931.

CASES AND DEATHS BY MONTHS 1931

MONTHS	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Lobar Pneumonia		Poliomyelitis		Tuberculosis					
																	Pul & Miliary		Meningeal		Other Forms	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	24	0	25	0	2	0	69	0	4	0	0	0	12	4	0	0	14	7	0	1	3	0
February	5	2	16	0	0	0	130	0	20	0	0	0	15	6	0	0	10	7	0	0	1	0
March	12	0	16	0	0	0	159	0	16	1	0	0	21	7	0	0	13	6	0	0	0	0
April	7	2	7	1	0	0	138	0	16	1	0	0	14	5	0	0	14	1	1	1	1	0
May	8	0	22	0	2	0	143	0	7	0	0	0	5	3	0	0	13	10	2	3	0	0
June	14	1	27	0	3	1	77	0	20	0	0	0	3	1	3	0	14	8	1	2	2	0
July	6	1	4	0	2	1	16	0	26	1	0	0	3	2	2	0	10	10	0	0	0	0
August	4	0	2	0	3	0	6	0	53	0	0	0	1	1	9	0	13	4	0	0	1	0
September	5	0	1	0	3	0	1	0	35	0	0	0	2	1	14	1	9	6	1	1	2	0
October	4	0	15	0	2	0	1	0	15	0	0	0	4	0	1	1	6	4	1	1	1	0
November	13	1	9	0	0	0	4	0	14	0	0	0	5	3	0	0	11	5	1	0	2	0
December	13	2	13	0	1	0	2	0	21	0	0	0	3	2	0	0	8	3	0	1	1	0
	115	9	157	1	18	2	746	0	247	3	0	0	88	35	29	2	135	71	7	10	14	0

COMMUNICABLE DISEASES.

CASES AND DEATHS FOR EACH YEAR SINCE 1914.

Year	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Small Pox		Lobar Pneumonia		Poliomyelitis		Pulmonary and Miliary Tuberculosis		Meningeal Tuberculosis		Other Forms Tuberculosis	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1915	150	26	137	7	151	21	1064	4	163	3	23	10	—	78	1	0	423	139	10	15	43	10
1916	116	9	119	2	64	5	262	2	79	4	0	0	—	110	20	1	367	168	0	18	37	12
1917	112	12	125	2	66	7	1055	0	65	5	0	0	—	118	0	0	441	140	13	32	33	11
1918	118	19	56	2	48	10	400	2	138	7	0	0	176	68	11	0	435	203	14	26	37	7
1919	144	21	161	4	17	2	792	3	83	0	0	0	52	31	0	1	372	142	18	23	36	8
1920	203	34	310	3	50	13	439	2	64	4	0	0	81	38	0	0	344	130	23	26	26	6
1921	295	26	225	1	21	4	35	0	148	2	0	0	72	29	2	0	298	123	15	16	26	13
1922	305	23	217	4	18	0	767	2	58	1	0	0	93	31	15	5	259	113	18	17	45	6
1923 ..	45	9	78	3	5	1	1804	4	191	2	1	0	97	34	3	0	210	95	20	21	104	4
1924	129	13	136	0	18	5	142	0	104	2	0	0	110	40	1	0	186	96	14	20	103	5
1925	101	9	190	5	10	1	1043	7	122	5	0	0	75	27	1	0	203	84	7	14	88	3
1926	115	15	476	4	12	1	693	9	117	4	0	0	103	40	0	0	199	94	20	23	73	3
1927	313	19	335	2	16	4	18	0	47	0	0	0	83	33	11	2	201	90	13	11	38	3
1928	255	11	92	1	9	1	531	0	182	2	0	0	84	28	8	1	187	97	17	19	45	7
1929	209	9	115	1	3	0	767	2	43	0	0	0	113	40	3	0	150	91	7	10	25	3
1930	156	10	94	2	3	2	57	0	25	1	0	0	75	26	0	0	158	76	11	11	19	3
1931 ..	115	9	157	1	18	2	746	0	247	3	0	0	88	36	29	2	135	71	7	10	14	0

MARKETS AND STORES

The food exposure laws and inspections of places where food supplies are manufactured and kept were looked after carefully and frequently. In fact, during the year, there were 4165 inspections of markets and stores, 422 inspections of lunch carts and restaurants, and 300 inspections of bakeries. Quite a drive was made on the exposure of foodstuffs and candies, and after persistent effort, those who handle such material realized the value of the work inaugurated. Plans were put in force just as the year came to an end, to prevent in the future the handling of candies kept in bulk in the larger stores, by the use of plate glass protection, so constructed as to make it impossible for the public to reach the display in passing by. This measure is not only a health protection, but proved to be a saving to the proprietors of the stores, who report frequent losses from previous "helping themselves" on the part of visitors to their stores.

SANITARY INSPECTIONS

During the year 1931 there were made by the sanitary inspectors in this department, 23,757 inspections of yards In addition to this, the four inspectors abated 437 nuisances on complaints. The work of sanitary inspection of the city was made the topic of discussion at the meeting of the Royal Society of Sanitary Engineers of London at Montreal last Fall, when Dr. Charles Porter, the head of the British delegation in attendance, and Dr. Winslow of Yale College spoke in complimentary terms of the work in New Bedford, both gentlemen speaking from their own observations while visiting here.

The following is a monthly record of the work performed during the year which includes inspections and routine duties.

1931	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Cont. Dis. Inv.	176	228	283	256	275	204	100	107	78	70	69	69
Houses Placarded	41	17	27	14	30	41	13	10	13	14	20	24
Houses Disinfected	19	43	20	25	22	36	37	11	22	13	20	13
Nuisances abated	12	36	33	22	54	30	60	36	43	36	35	40
Bakery Insp.	24	45	53	36	55	18	14	10	11	10	14	10
Privy Nuisances	0	0	0	0	0	0	1	0	0	0	0	0
Stables located	0	0	0	0	0	0	0	0	0	0	0	0
Stables insp.	10	9	11	8	9	11	11	10	9	4	1	11
Notices served	1	0	1	0	7	2	3	0	0	3	1	0
Yard Insp.	2013	836	2152	2640	2056	2460	2372	1955	3188	947	555	2583
Tenement H. insp.	4	13	2	4	4	2	0	4	2	1	5	6
Tenement H. reinsp.	1	3	2	3	1	2	0	2	0	0	2	1
Swine Nuisances	0	0	0	0	0	0	0	0	2	0	0	0
Insp. Milk Plants	71	76	117	108	109	182	85	78	86	62	53	85
Dairy Farm Insp.	126	185	163	179	166	112	159	170	99	135	75	119
Milk samples taken	83	93	119	137	101	256	197	397	169	143	63	66
Hen Yard Insp.	9	0	3	17	14	7	26	25	48	39	12	22
Births City Clerk	123	131	162	155	138	165	175	175	159	151	139	163
Mkt. & Store Insp.	490	609	510	215	549	592	248	259	210	101	85	297
Fire Menaces	0	0	0	0	0	0	0	0	0	0	0	0
Ice Cream Plts. Insp	0	4	6	44	8	2	14	4	0	0	0	4
Oculist's visits (O. N.)	73	69	79	73	46	56	84	29	54	29	21	54
Nurse's visits (O. N.)	43	95	52	71	57	28	44	10	55	53	8	54
Slaughtering Insp.	259	206	348	309	260	152	198	209	145	285	275	202
Lunch Cart & Rest.	82	86	74	9	9	43	0	30	31	2	32	33
Sausage Fact insp.	2	0	0	17	76	69	0	0	0	0	0	0
Hotel Kitchens insp.	0	0	0	0	1	0	0	0	0	0	0	0
Cold Storage insp.	0	0	0	2	0	0	0	0	0	0	0	0
Bottling Est. insp.	0	0	0	0	0	6	6	0	0	0	0	0
Milk samples (water)	42	75	71	89	44	37	12	32	28	33	31	33
Dead Animals rep.	12	10	15	10	10	15	14	18	10	18	7	8
Garbage Complaints	11	6	11	10	11	10	17	27	10	11	4	5
Cont. Dis. on Farms	0	2	3	0	0	1	0	0	0	0	0	0
Soda fountain insp.	2	1	1	2	2	0	21	109	2	2	0	15
Dog Bite	3	16	8	6	16	26	48	1	14	25	4	9

EXPENDITURES FOR THE YEAR 1931

ADMINISTRATION	$11,772.76
LABORATORY	1,610.59
MILK & FOOD	10,875.89
PAROCHIAL SCHOOL INSPECTION	3,379.47
T. B. CLINIC	3,242.05
T. B. CARE	107,536.58
INFANT WELFARE	23,613.10
CONTAGIOUS DISEASE	9,810.87
OPHTHALMIA NEON	3,108.53
ISOLATION HOSPITAL	7,597.42
CARE OF ALMSHOUSE, CEMETERY & SMALLPOX HOSPITAL	508,44
SANITATION	13,025.51
VENEREAL DISEASE CLINIC	7,715.85
DENTAL HYGIENE	12,081.59
	$215,872.65

GARBAGE DISPOSAL	$31,703.14
GARBAGE COLLECTION	81,000.00

EXPENDITURES— COMMUNICABLE DISEASES.

Tuberculosis;

Sassaquin Sanatorium	$90,245.16
Other Sanatoria	4,768.00
Outside Releif	1,176.04
Other cities and Towns	3,335.08
St. Luke's Hospital	1,858.36
Union Hospital	69.57
Sol-e-Mar	3,127.00
Lamp treatment and Dr. Frasier	1,240.00
T. B. Clinic	2,310.01
T. B. Nurses	2,941.81
Carfares	102.59
Ambulance Service	145.00
	$111,318.62

Other Diseases:

Opthalmia Neon	$3,108.53
St. Luke's Hospital	2,778.72
Isolation Hospital	8,426.57
Venereal Diseases	8,316.94
Union Hospital	405.23
Other Cities	658.57
Outside relief	243.00
	$23,937.36

Reimbursements:

Subsidy T. B.	$23,445.58
Commonwealth T. B.	6,770.50
Commonwealth C. D.	50.00
Other cities T. B.	162.50
Other cities C. D.	615.44
	$31,044.02

Respectfully submitted,

WILLIAM G. KIRSCHBAUM,
Agent & Executive Officer.

CAUSE OF DEATH **1. Epidemic, Endemic, and Infectious Diseases**	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1. Typhoid and paratyphoid fever:													
(a) Typhoid fever	.	.	.	.	.	1	1	.	.	.	.	.	2
(b) Paratyphoid fever													
2. Typhus fever													
3. Relapsing fever (spirillum obermeieri)													
4. Malta fever													
5. Malaria													
6. Small-pox													
7. Measles													
8. Scarlet fever	.	.	.	1	.	.	.	.	.	.	.	.	1
9. Whooping cough	.	.	1	1	.	.	1	.	.	.	.	.	3
10. Diphtheria	.	2	.	2	.	1	1	.	.	.	1	2	9
11. Influenza:													
(a) With pulmonary complications specified													
(b) Without pulmonary complications specified	1	.	.	.	.	.	.	.	.	.	.	.	1
12. Miliary fever													
13 Mumps	.	.	.	.	.	.	.	.	.	1	.	.	1
14. Asiatic cholera													
15. Cholera nostras													
16. Dysentery:													
(a) Amebic													
(b) Bacillary													
(c) Unspecified or due to other causes													
17. Plague:													
(a) Bubonic													
(b) Pneumonic													
(c) Septicemic													
(d) Unspecified													
18. Yellow fever													
19. Spirochetal hemorrhagic jaundice													
20. Leprosy													
21. Erysipelas	.	.	.	2	.	.	.	.	1	.	.	.	3
22. Acute poliomyelitis	.	.	.	.	.	.	.	1	1	1	.	.	3
23. Lethargic encephalitis	.	.	.	.	.	.	.	.	2	.	.	.	2
24. Meningococcus meningitis													
25. Other epidemic and endemic diseases:													
*(a) Chicken-pox													
*(b) German measles													
*(c) Others under this title													
26. Glanders													

CAUSE OF DEATH	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
I. (Continued)													
27. Anthrax													
28. Rabies													
29. Tetanus													
30. Mycoses													
31. Tuberculosis of the respiratory system	7	7	6	1	10	8	10	4	6	4	5	3	71
32. Tuberculosis of the meninges and central nervous system	1	.	.	1	3	2	.	.	1	1	.	1	10
33. Tuberculosis of the intestines and peritoneum													
34. Tuberculosis of the vertebral column													
35. Tuberculosis of the joints													
36. Tuberculosis of other organs:													
(a) Tuberculosis of the skin and subcutaneous cellular tissue													
(b) Tuberculosis of the bones (vertebral column excepted)													
(c) Tuberculosis of the lymphatic system (mesenteric and retroperitoneal glands excepted)													
(d) Tuberculosis of the genitourinary system													
(e) Tuberculosis of organs other than the above													
37. Disseminated tuberculosis:													
(a) Acute													
(b) Chronic													
38. Syphilis	.	1	.	.	.	.	.	.	.	.	.	.	1
39. Soft chancre													
40. Gonococcus infection													
41. Purulent infection, septicemia	2	4	1	3	1	3	3	2	2	3	2	2	28
42. Other infectious diseases													
II—General Diseases Not included Above													
43. Cancer and other malignant tumors of the buccal cavity	.	.	.	.	.	1	1	.	.	.	1	.	3
44. Cancer and other malignant tumors of the stomach and liver	5	2	1	2	1	5	5	3	3	5	2	2	38
45. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	2	3	2	2	.	.	1	2	2	2	2	1	19

CAUSE OF DEATH II. (Continued)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
46. Cancer and other malignant tumors of the female genital organs	2	4	1	.	2	3	1	1	1	2	3	3	23
47. Cancer and other malignant tumors of the breast	.	1	.	1	.	.	1	.	2	.	1	.	6
48. Cancer and other malignant tumors of the skin	.	.	.	.	1	.	1	.	.	1	.	.	3
49. Cancer and other malignant tumors of other or unspecified organs	2	1	3	1	2	2	3	2	2	2	.	2	22
50. Benign tumors and tumors not returned as malignant (tumors of the female genital organs excepted)	.	.	.	.	.	.	.	.	1	.	.	.	1
51. Acute rheumatic fever	.	.	2	.	.	.	.	.	.	.	.	.	2
52. Chronic rheumatism, osteoarthritis, gout	.	.	.	.	.	.	.	.	.	.	1	.	1
53. Scurvy													
54. Pellagra													
55. Beriberi													
56. Rickets													
57. Diabetes mellitus	.	.	2	2	2	.	1	1	.	.	1	1	10
58. Anemia, chlorosis:													
(a) Pernicious anemia	.	1	1	.	3	.	2	.	.	.	.	.	7
(b) Other anemias and chlorosis													
59. Diseases of the pituitary gland													
60. Diseases of the thyroid gland													
(a) Exophthalmic goiter	.	.	.	.	.	.	.	1	.	.	.	.	1
(b) Other diseases of the thyroid gland													
61. Diseases of the parathyroid glands													
62. Diseases of the thymus gland	.	1	.	1	.	.	.	.	.	.	2	.	4
63. Diseases of the adrenals (Addison's disease)	.	.	.	.	.	.	1	.	.	.	.	.	1
64. Diseases of the spleen													
65. Leukemia and Hodgkin's disease:													
(a) Leukemia	.	.	1	.	1	1	.	.	.	.	.	.	3
(b) Hodgkin's disease													
66. Alcoholism (acute or chronic)													
67. Chronic poisoning by mineral substances:													

II. CAUSE OF DEATH (Continued)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
*(a) Chronic lead poisoning													
*(b) Others under this title													
68. Chronic poisoning by organic substances													
69. Other general diseases			1										1
III. Diseases of the Nervous System and of the Organs of Special Sense													
70. Encephalitis	.	.	.	1	.	.	.		.	.	.		1
71. Meningitis (does not include meningitis specified as meningococcic, tuberculous, rheumatic, etc.):													
*(a) Simple meningitis	1	.	1	.	1	.	.	1	.	.	1	1	6
*(b) Nonepidemic cerebrospinal meningitis	.	.	.	.	.	.	.	.		.	.	.	.
72. Tabes dorsalis (locomotor ataxia)													
73. Other diseases of the spinal cord	.	.	1	1	.	.	.	.	.	.	.	.	2
74. Cerebral hemorrhage, apoplexy:													
(a) Cerebral hemorrhage	11	12	13	12	15	18	9	5	11	20	11	18	155
(b) Cerebral thrombosis and embolism	.	.		1	.	.	1	.	.	.	.	1	3
75. Paralysis without specified cause:													
(a) Hemiplegia	.	.	1	.	2	.	.	.	.	.	.	2	5
(b) Other under this title													
76. General paralysis of the insane													
77. Other forms of mental alienation													
78. Epilepsy													
79. Convulsion (nonpuerperal) 5 years or over													
80. Infantile convulsions (under 5 years of age)	.	.	.	.	.	.	.	1	.	.	.	.	1
81. Chorea													
82. Neuralgia and neuritis													
83. Softening of the brain	.	.	.	.	1	.	.	.	.	.	.	.	
84. Other diseases of the nervous system	.	.	1	1	.	.	1	.	.	.	.	.	3

CAUSE OF DEATH III (Continued)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
85. Diseases of the eye and annexa													
86. Diseases of the ear and of the mastoid process:													
*(a) Diseases of the ear	.	1	.	.	.	.	.	.	.	.	.	.	1
*(b) Diseases of the mastoid process													
IV. Diseases of the Circulatory System													
87. Pericarditis													
88. Endocarditis and myocarditis (acute)	.	.		.	.	.	.	1	2	.	.	.	3
89. Angina pectoris	.	.	.	.	2	1	2	1	1	1	2	4	14
90. Other diseases of the heart	25	29	27	23	18	10	19	10	12	17	26	14	230
91. Diseases of the arteries:													
(a) Aneurysm	1	2	5	.	.	.	.	.	.	.	.	.	8
(b) Arteriosclerosis	.	.	.	3	5	4	4	1	6	4	7	3	37
(c) Other diseases of the arteries	.	1	.	.	.	.		.	.	.	.	.	1
92. Embolism and thrombosis (not cerebral)	8	7	4	4	7	5	1	2	5	2	4	8	57
93. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)	.	.	.	.	.	.	.	.	.	.	.	.	.
94. Diseases of the lymphatic system (lymphangitis, etc.)													
95. Haemorrhage without specified cause													
96. Other diseases of the circulatory system													
V. Diseases of the Respiratory System													
97. Diseases of the nasal fossae and their annexa:													
(a) Diseases of the nasal fossae													
*(b) Others under this title													
98. Diseases of the larynx	1	.	.	1	.	.	.	.	.	.	.	.	2
99. Bronchitis:													
(a) Acute	1	1	.	.	3	.	2	.	1	1	.	.	9
(b) Chronic													
(c) Not otherwise defined (under 5 years of age)													
(d) Not otherwise defined (5 years and over)													

CAUSE OF DEATH	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
V. (Continued)													
100. Bronchopneumonia (including capillary bronchitis):													
*(a) Bronchopneumonia	11	16	11	22	17	11	4	3	3	13	11	7	129
*(b) Capillary bronchitis ...													
101. Pneumonia:													
(a) Lobar	4	6	7	5	3	1	2	1	1	.	3	3	36
(b) Not otherwise defined...													
102. Pleurisy	.	.	.	1	.	.	.	.	.	.	.	1	2
103. Congestion and hemorrhagic infarct of the lung	2	3	.	3	.	.	.	1	.	.	1	.	10
104. Gangrene of the lung													
105. Asthma													
106. Pulmonary emphysema													
107. Other diseases of the respiratory system (tuberculosis excepted):													
(a) Chronic interstitial pneumonia, including occupational diseases of the lung	1	.	.	.	.	.	.	.	.	.	.	.	1
(b) Diseases of the mediastinum													
(c) Others under this title..													
VI. Diseases of the Digestive System													
108. Diseases of the mouth and annexa													
109. Diseases of the pharynx and tonsils (including adenoid vegetations):													
*(a) Adenoid vegetations ...													
*(b) Others under this title	.	.	.	.	.	.	.	1	.	.	.	.	1
110. Diseases of the esophagus...													
111. Ulcer of the stomach and duodenum:													
(a) Ulcer of the stomach....	2	.	.	.	2	1	.	.	.	.	3	.	8
(b) Ulcer of the duodenum													
112. Other diseases of the stomach (cancer excepted)	.	2	1	.	.	.	.	.	1	.	.	.	4
113. Diarrhea and enteritis (under 2 years of age)	1	1	1	1	2	.	1	3	.	2	.	.	12
114. Diarrhea and enteritis (2 years and over)	.	.	.	.	.	.	.	.	.	.	.	.	.
115 Ankylostomiasis	.	.	.	.	.	.	.	.	.	.	.	.	.

CAUSE OF DEATH	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
VI. (Continued)													
116. Diseases due to other intestinal parasites:													
(a) Cestodes (hydatids of the liver excepted)													
(b) Trematodes													
(c) Nematodes (other than ankylostoma)													
(d) Coccidia													
(e) Other parasites specified													
(f) Parasites not specified													
117. Appendicitis and typhilitis	.	.	.	.	.	1	1	2	1	.	.	.	5
118. Hernia, intestinal obstruction:													
(a) Hernia	.	.	.	.	.	.	.	.	1	.	.	.	1
(b) Intestinal obstruction	.	1	1	.	1	1	.	1	.	2	1	2	10
119. Other diseases of the intestines	.	.	.	.	1	.	.	.	.	.	.	.	1
120. Acute yellow atrophy of the liver													
121. Hydatid tumor of the liver													
122. Cirrhosis of the liver:													
(a) Specified as alcoholic													
(b) Not specified as alcoholic	1	1	1	1	1	1	3	1	.	.	.	1	11
123. Biliary calculi	.	.	.	.	.	.	.	.	.	2	.	.	2
124. Other diseases of the liver	1	.	.	.	1	.	.	.	.	1	.	.	3
125. Diseases of the pancreas	.	.	.	.	.	.	.	1	.	.	.	.	1
126. Peritonitis without specified cause	.	1	.	2	.	.	.	.	.	.	.	1	4
127. Other diseases of the digestive system (cancer and tuberculosis excepted)													
VII.—Nonvenereal Diseases of the Genitourinary System and Annexa													
128. Acute nephritis (including unspecified under 10 years of age)	.	.	.	.	.		.	.	1	.	.	.	1
129. Chronic nephritis (including unspecified 10 years and over)	9	8	3	3	7	2	4	4	3	.	5	9	57
130. Chyluria													
131. Other diseases of the kidneys and annexa (diseases of the kidneys in pregnancy excepted)	.	1	.	1	1		1	.	.	.	.	.	4

CAUSE OF DEATH	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
VII. (Continued)													
132. Calculi of the urinary passages													
133. Diseases of the bladder	.	.	.	.	.	1	.	1	.	.	.	1	3
134. Diseases of the urethra, urinary abscess, etc.:													
(a) Stricture of the urethra													
(b) Others under this title													
135. Diseases of the prostate													
136. Nonvenereal diseases of the male genital organs													
137. Cysts and other benign tumors of the ovary	.	.	.	.	.	.	1	.	.	.	.	.	1
138. Salpingitis and pelvic abscess													
139. Benign tumors of the uterus													
140. Nonpuerperal uterine hemorrhage													
141. Other diseases of the female genital organs	.	.	1	.	.	.	.	.	.	.	.	.	1
142. Nonpuerperal diseases of the breast (cancer excepted)													
VIII. The Puerperal State													
143. Accidents of pregnancy:													
(a) Abortion													
(b) Ectopic gestation													
(c) Others under this title													
144. Puerperal hemorrhage	.	.	.	.	.	.	.	.	.	.	.		1
145. Other accidents of labor													
*(a) Cesarean section	.	.		.	1	.	.	1	.	.	.	.	1
*(b) Other surgical operations and instrumental delivery													
*(c) Others under this title													
146. Puerperal septicemia	1	1	.	1	.	1	1	.	.	.	.	.	5
147. Puerperal phlegmasia alba dolens embolus, sudden death													
148. Puerperal albuminuria and convulsions	.	.	.	1	2	.	.	1	.	.	.	.	4
149. Following childbirth (not otherwise defined)	.	.	.	.	.	1	.	.	.	.	.	.	1
150. Puerperal diseases of the breast													
IX. Diseases of the Skin and of the Cellular Tissue													
151. Gangrene	.	.	.	.	.	1	.	.	.	.	.	1	2

CAUSE OF DEATH	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
IX. (Continued)													
152. Furuncle	.	.	.	.	.	.	.	.	1	.	.	.	1
153. Acute abscess	.	.	.	.	.	.	.	.	.	.	.	.	.
154. Other diseases of the skin and annexa	.	.	.	1	.	.	.	.	.	.	.	.	1
X. Diseases of the Bones and of the Organs of Locomotion													
155. Diseases of the bones (tuberculosis excepted)													
156. Diseases of the joints (tuberculosis and rheumatism excepted)													
157. Amputations													
158. Other diseases of the organs of locomotion													
XI. Malformations													
159. Congenital malformations (stillbirths not included):													
*(a) Hydrocephalus	.	.	1	.	.	.	.	.	.	.	.	.	1
*(b) Congenital malformations of the heart	1	2	.	1	.	.	.	.		.	1	.	5
*(c) Others under this title	.	.	.	.	1	.	1	1	.	.	.	.	3
XII. Early Infancy													
160. Congenital debility, icterus, and sclerema	1	1	1	1	.	.	3	.	.	2	1	.	10
161. Premature birth; Injury at birth:	.	.	.	.	.	.	.		.	.	.	.	.
*(a) Premature birth	3	5	4	4	2	2	5	4	2	4	2	3	40
*(b) Injury at birth	.	.	.	.	1	.	1	2	.	2	.	.	6
162. Other diseases peculiar to early infancy	3	.	1	3	1	2	3	.	1	1	2	.	17
163. Lack of care													
XIII. Old Age													
164. Senility		.	4	.	2	1	1	1	.	1	.	.	10
XIV. External Causes													
165. Suicide by solid or liquid poisons (corrosive substances excepted)	.	.	.	.	.	.	.	.	.	.	1	.	1
166. Suicide by corrosive substances													

CAUSE OF DEATH	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
XIV. (Continued)													
167. Suicide by poisonous gas	.	4	2	1	2	.	2	2	1	.	.	.	14
168. Suicide by hanging or strangulation	.	.	.	2	.	3	1	.	.	.	.	.	6
169. Suicide by drowning													
170. Suicide by firearms	.	.		.	.	1	.	.	1	.	.	1	3
171 Suicide by cutting or piercing instruments	.		.		.	.	.	.	1	1		.	2
172. Suicide by jumping from high places													
173. Suicide by crushing													
174. Other suicides													
175. Poisoning by food													
176. Poisoning by venomous animals													
177. Other acute accidental poisonings (gas excepted)	.	.	.	.	.	1	1	.	.	.	.	.	2
178. Conflagration													
179. Accidental burns (conflagration excepted)	.	.	.	.	2	1	.	.	3	.	2	.	8
180. Accidental mechanical suffocation	2	.	.	.	.	2	.	.	.	2	1	.	7
181. Accidental absorption of irrespirable or poisonous gas	3	.	.	.	3	.	.	2	.	2	.	.	10
182. Accidental drowning	.	.	.	1	.	.	2	2	.	.	.	.	5
183. Accidental traumatism by firearms (wounds of war accepted)													
184. Accidental traumatism by cutting or piercing instruments													
185. Accidental traumatism by fall	2	2	.	.	.	.	.	.	1	3	.	3	11
186. Accidental traumatism in mines and quarries:													
*(a) Mines													
*(b) Quarries													
187. Accidental trau. by machines													
188. Accidental traumatism by other crushing (vehicles, railways, landslides, etc.):													
*(a) Railroad accidents													
*(b) Street car accidents													
*(c) Automobiles accidents	1	.	1	2	1		2	2	1	3	.	4	17
*(d) Aeroplane and balloon accidents													
*(e) Injuries by other vehicles													

CAUSE OF DEATH	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
XIV. (Continued)													
*(f) Landslide, other crushing													
189. Injuries by animals (not poisoning)													
190. Wounds of war													
191. Execution of civilians by belligerent armies													
192. Starvation (deprivation of food or water)													
193. Excessive cold													
194. Excessive heat													
195. Lightning													
196. Other accidental electric shocks													
197. Homicide by firearms													
198. Homicide by cutting or piercing instruments													
199. Homicide by other means													
200. Infanticide (murder of infants less than one year of age)†													
201. Fracture (causes not specified)													
202. Other external violence (cause specified)	.	.	.	.	.	1	1	.	.		.	.	2
203. Other external violence (cause not specified)													
XV. Ill-defined Diseases													
204. Sudden death													
205. Cause of death not specified or ill-defined:	2	1	1	2	.	4	3	2	2	4	3	2	26
*(a) Ill-defined													
*(b) Not specified or unknown													
*(This title to be omitted when homicides are shown by ages under Titles 197-199).													
	121	136	116	125	136	106	115	79	87	112	108	108	1349

Respectfully submitted,

ELIZABETH E. SUMNER, Chief Clerk.

DEATHS BY AGES, 1931

	JAN.		FEB.		MAR.		APR		MAY		JUNE		JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 day	3	3	1	2	2	0	0	2	2	2	3	0	1	4	0	4	2	1	4	1	2	1	1	2	21	22
1-2 days ...	1	1	0	0	0	0	1	2	0	0	1	0	1	2	0	2	0	1	0	0	0	0	0	0	4	8
2-3 days ...	0	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	3
3 days-1 wk.	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	4
1-2 weeks .	0	0	0	1	2	0	2	0	0	0	0	0	1	2	1	0	0	0	0	0	1	0	0	0	7	3
2-3 weeks .	1	0	2	1	0	0	0	2	0	0	0	0	2	0	1	0	0	0	1	2	0	0	0	0	7	5
3 wks.-1 mo	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	3	1
1-2 mos. ...	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	3	3
2-3 mos. ...	1	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	4	2
3-6 mos. ..	0	0	4	1	1	0	3	1	3	1	1	1	0	1	0	1	1	0	0	0	1	1	0	0	14	7
6-9 mos. ..	1	0	1	0	2	1	1	1	0	2	0	2	1	0	0	0	0	1	1	0	0	1	1	1	8	9
9 mos. 1 yr.	0	1	1	0	1	1	0	4	1	2	0	0	0	0	0	0	0	1	0	1	1	1	1	0	5	11
1 2 yrs.	1	1	0	3	3	0	0	3	1	4	2	3	0	1	1	0	0	0	0	0	0	1	1	0	9	16
2-3 yrs. ...	0	0	0	0	0	0	2	2	1	1	0	1	3	0	0	0	0	0	0	0	0	0	0	0	6	4
3-4 yrs. ...	0	1	1	2	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	4
4-5 yrs. ...	0	0	0	0	1	0	0	3	0	0	0	1	1	0	1	1	0	2	1	0	0	0	0	2	4	9
5-10 yrs. ...	1	0	0	1	1	1	3	1	0	0	1	1	3	0	4	0	0	1	1	1	0	4	0	0	14	10
10-15 yrs. ..	0	1	0	0	2	0	0	0	0	1	1	0	0	1	2	1	1	1	1	1	0	0	2	0	9	6
15-20 yrs. ..	1	5	0	2	0	1	0	0	0	0	0	2	2	1	2	3	2	2	1	0	1	1	3	1	12	18
20-25 yrs. ..	1	1	0	2	1	0	1	2	1	2	2	1	1	3	1	0	1	0	0	2	2	0	3	0	14	13
25-30 yrs. .	1	1	0	2	1	1	1	3	1	2	2	3	0	3	1	1	0	1	1	0	0	2	0	0	8	19
30-35 yrs. ..	1	0	0	3	0	0	0	2	3	2	2	2	0	2	0	1	2	0	3	1	1	0	2	0	14	13
35-40 yrs. ..	2	4	0	3	1	2	2	0	0	4	1	2	2	2	0	0	1	2	2	0	3	0	4	3	18	22
40-45 yrs. ..	6	3	5	4	2	1	4	2	2	1	4	5	3	0	0	1	2	1	3	2	3	2	3	2	37	24
45-50 yrs. ..	4	1	3	4	3	5	2	4	0	5	2	2	6	5	3	4	4	2	3	2	3	2	4	3	37	39
50-55 yrs. ..	5	1	5	4	3	2	0	3	9	3	5	5	2	3	5	2	3	2	3	2	3	5	5	1	48	33
55-60 yrs. ..	5	1	7	5	7	4	6	4	5	8	3	0	3	2	2	2	3	2	2	4	3	1	3	5	49	38
60-65 yrs. .	4	7	10	6	6	4	3	6	5	2	10	5	4	6	7	1	5	3	7	6	8	6	8	1	77	53
65-70 yrs. .	7	6	7	4	7	7	4	7	9	7	2	4	3	5	3	4	3	5	7	1	7	3	3	6	62	59
70-75 yrs. ..	8	5	8	8	2	9	4	7	5	6	3	2	5	5	3	3	4	6	7	12	4	3	6	7	59	73
75-80 yrs. .	4	5	6	7	4	8	3	5	9	3	5	5	6	3	5	2	4	5	5	6	3	8	6	5	60	62
80-85 yrs. .	5	5	2	2	2	4	2	5	4	5	2	3	3	5	1	2	1	4	0	3	5	4	3	5	30	47
85-90 yrs. .	1	1	2	3	3	3	0	2	1	5	0	4	1	2	0	0	0	3	3	2	1	5	1	1	13	31
90-95 yrs. .	0	0	0	0	0	0	0	1	1	2	0	0	1	0	0	1	0	2	1	0	1	1	1	0	5	7
95-100 yrs.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
104 yrs.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Whole No.	21		136		116		125		136		106		115		79		87		112		108		108		1349	
MALE-FEMALE ..	65	56	66	70	59	57	49	76	63	73	52	54	57	58	43	36	39	48	60	52	54	54	61	47	668	680
Stillborn ...	6	1	1	3	1	4	4	2	3	4	1	1	3	2	6	2	3	4	2	5	4	2	3	2	37	32
White	68	53	65	68	58	59	48	77	65	75	53	53	60	57	47	38	42	52	61	54	56	56	56	46	679	688
Colored ...	3	4	4	3	2	2	5	1	2	1	1	1	2	1	1	1	0	0	1	3	0	2	7	2	28	22
Indian	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
NON RESIDENT	10	6	4	3	7	6	1	3	3	2	6	7	2	6	8	1	6	5	7	3	6	3	12	7	72	52

Estimated Population	112,804
Non-Resident deaths	122
General Death rate	11.72+
Adjusted Death rate	10.87

Respectfully submitted,
Elizabeth E. Sumner
Chief Clerk.

REPORT OF FIELD DIRECTOR

To the Board of Health

Gentlemen:

I herewith submit my report for the year ending Dec. 31, 1931:

CHILD WELFARE

Our nurses in this department made 38,795 visits, of which 1,986 were to cases of communicable diseases. During the year 295 child welfare clinics were held with an attendance of 6,511. Of the children brought to these clinics 1,236 were under and 591 over two years of age.

The physical examinations made by the clinic physician amounted to 825, and the feedings prescribed, to 1,202. During the year 80 children had tonsils removed and there were 210 miscellaneous corrections of defects. Due to lack of funds our No. Front Street clinic was discontinued November 1st.

The nativity of the mothers who brought their children to the clinics is shown by the following table:

New Bedford	378	Greece	2
Massachusetts	145	Russia	5
United States	82	Austria	4
Canada	52	France	4
England	24	Hawaii	1
Ireland	6	Germany	1
Portugal	43	Belgium	1
Azores	77	Sweden	1
Madeira	10	Finland	1
Cape Verde	31	Turkey	1
Poland	15	Syria	1
Newfoundland	1	Scotland	1
Nova Scotia	1	Italy	4
Brazil	2	Albania	1

The past year was very trying for those engaged in Infant Welfare work. In January 69 cases of measles were reported, in February 112, and in May 142. The number of cases reported is always small in comparison with those existing as parents regard measles lightly and do not call in a physicien. As a result brocho pneumonia often follows and proves fatal to the infant. In 1931 there were 44 infant deaths due to prematurity, and there were 61 still births. The conditions were unfavorable to a low mortality rate. There were 157 infant deaths and 1,863 births, giving the mortality rate 84.3. Of the 157 deaths, however, only 6 were due to gastro-enteritis.

TUBERCULOSIS WORK

The nurses assigned to this work made 6,282 visits. They had under their supervision 2,226 cases

In addition to the visits made, these nurses were in attendance at the three weekly clinics held in the Olympia Building.

PAROCHIAL SCHOOL WORK

The two nurses engaged in this work had under their supervision5377 children. They made 8,217 classroom inspections, and gave 59 talks on health. They also made 3,562 eye tests, and weighed all the children twice during the school year. The children who were found to be underweight were weighed monthly. The nurses assisted Dr. Lamoureux in making 741 hearing tests. In their follow up work they made 338 home visits. The medical inspectors made 1,911 physicals and 3,019 throat examinations.

DENTAL WORK

During the time this work was carried on in the schools, but four dental hygienists were employed on account of the shortage of funds their term of service was shortened by eight weeks. They gave 7,429 prophylactic treatments and gave instruction in oral hygiene to the children. The work done on the first permanent molars during the past two years was quite evident in the improved condition of the mouths of the children. There were fewer extractions of these important teeth than in previous years since the school clinics were opened.

A detailed statement of the work done in the clinics will be found in the report submitted by Dr. Hoye.

Respectfully submitted,

W. B. GEOGHEGAN

Director of Field Work

REPORT OF T. B. CLINIC

New Bedford, Jan 11, 1932

To the Board of Health,

Gentlemen:

I herewith submit my annual report as chief of the T. B. Clinic:

Number patients Examined	1610
Number Re-Examinations	1250
Number of New Pulmonary Cases	56
Number Suspicious Cases	58
Not Tuberculosis	236
T. B. Glands	3
T. B. Bones	0
Hilum Tuberculosis	8
Sanatorium Treatment advised	85
Home Treatment advised	0
Lamp Treatment advised	5
Referred to P. H. Nurses	0
Arrested Cases	24
	3335

Respectfully submitted,

J. M. WISE, M. D.

Chief of Clinic

REPORT OF THE VENEREAL DISEASE CLINIC

New Bedford, Jan. 1, 1932

To the Board of Health

Gentlemen:

I hereby submit my report as Chief of the Venereal Disease Clinic:

Number of patients examined	897
Number of new patients	478
New Admissions Syphilis	155
New admissions Gonorrhea	181
Readmissions	64
Number of patients discharged, probably cured	59
With permission	97
Without permission	93
Number of visits for treatment and advice	12623
Number of Sulfarsphenamine treatments	2069
Number of Blood tests	964
Number of smears for Gonococcus	540

Respectfully submitted,

A. H. Mandell M. D.

Chief of Clinic

REPORT OF BACTERIOLOGIST.

New Bedford, Mass., Jan. 1, 1932

To the Board of Health

Gentlemen:

I herewith submit my report for the year ending December 31, 1931:

Diphtheria:

Whole number of cultures examined	427
Whole number of cultures positive	46
Whole number of cultures negative	379
Whole number of cultures unsatisfactory	2

Tuberculosis Pul:

Whole number of specimens examined	78
Whole number of specimens positive	14
Whole number of specimens negative	59
Whole number of specimens unsatisfactory	5

Tuberculosis Pul: Sassaquin Sanatorium:

Whole number of specimens examined	40
Whole number of specimens positive	40

Typhoid Fever:

Whole number reaction	1
Whole number negative	1

Gonococcus:

Whole number —Clinic	540
Whole number — Office	62

Respectfully submitted,

A. H. MANDELL, M. D.

Bacteriologist.

REPORT OF MEDICAL INSPECTOR

New Bedford, Feb. 15, 1932

To the Board of Health

Gentlemen:

My report as Medical Inspector and attending physician to contagious cases for the year ending December 31st, 1931 is herewith submitted:

Cultures for relase of Diphtheria cases also for diagnosis 236

Cultures for release of Diphtheria cases
also for diagnosis 236

Scarlet Fever releases 191

Investigated 264 cases of which 67 proved to be Tuberculosis.

13 Diphtheria
6 Lobar Pneumonia
23 Typhoid Fever
7 Infantile Paralysis
61 Measles
12 Chicken Pox
14 Whooping Cough

61 cases were not of a contagious nature.

Also investigated 12 cases of Dog-Bite. Treated 31 patients, making 165 calls.

Signed 7 certificates of death, there being no attending physician at time of death.

Respectfully submitted,

A. N. SENESAC,

Medical Inspector.

REPORT OF DENTAL CLINIC

New Bedford, Mar. 17, 1932

To the Board of Health,

Gentlemen:

I submit the following report of the Dental Clinic from January 1, 1931 until its end, May 15, 1931:

Copper Amalgam Fillings	1159
Amalgam	1939
Cement Linings	88
Cement Fillings	117
Permanent Extractions	54
Temporary Extractions	231
	3588
Treatments	98
Emergency Cases	610
Total Operations	4296

Respectfully submitted,

F. J. HOYE, D. M. D.

Senior Dentist

REPORT OF OCULIST

New Bedford, Jan. 21, 1932

To the Board of Health,

Gentlemen:

I herewith submit the following report as oculist to the Board of Health for the year ending December 31, 1931.

Visits	643
Ophthalmia Neonatorum	3
Suppurative Conjunctivitis	71
Simple Conjunctivitis	30
Phlyctemular Conj.	2
Purulent Ophthalmia	1
Trachoma	1
Impetigo	2

Respectfully submitted,

Alphonse Normandin, M. D.
Oculist

REPORT OF PUBLIC VACCINATOR

New Bedford, Jan. 27, 1932

To the Board of Health

Gentlemen:

During the year ending December 31, 1931, there were successfully vaccinated by me against small-pox 1735 persons. In addition to the above, there were immunized against diphtheria 537 children and 313 children were given the Schick test

Respectfully submitted,

L. K. DORAN, M. D.,

Public Vaccinator

In addition to the above the City Mission Clinic vaccinated 50 persons during the year, while physicians in the city, judging from the record calling for vaccine virus, must have vaccinated 120. Physicians in the city are credited with immunizing against diphtheria 50 children.

WILLIAM G. KIRSCHBAUM,

Agent and Executive Officer

REPORT OF INSPECTOR OF MILK

New Bedford, March 3, 1932

To the Board of Health,

Gentlemen:

I herewith submit my report for the year ending December 31, 1931.

Milk Dealers Licenses Issued	55
Milk Dealers Licenses Suspended	1
Milk Dealers Licenses Revoked	2
Cream Licenses Issued	3
Oleomargarine Licenses Issued	90
Store Licenses Issued	662
Special Licenses Issued	117
Dealers Selling Pasteurized Milk	46
Dealers Selling Grade "A" Milk	2
Dealers Selling Certified Milk	1
Dealers Selling Tuberculin Tested Cow's Milk	4
Farms Recorded in 1931	399
Farm Permits Suspended	3
Farm Permits Revoked	2
Farms where milk excluded temporarily	38
Cows excluded for Infected Udders	13
Dairy Plant Inspections	1046
Ice Cream Plant Inspections	45
Farm Inspections	1758
Bacterial Examination of Milk	1546
Chemical Analyses of Milk	359
Sediment Tests of Market Milk	11
Cream Samples	6
Ice Cream Samples Analysed	6

This division has again been curtailed in personnel through the resignation of our technician and although we have endeavored to maintain all of our activities, it has been impossible to do so

The enforcement of milk regulations is becoming more and more complex and is continually demanding more time to be spent in the field by the inspectors The laboratory work is continually increasing and more work should be done in the testing of ice cream, but this is impossible with the present arrangement, whereby I am obliged to do both field and laboratory work.

I would recommend, with the permission of the Board, that theservices of a technician be obtained or an additional dairy farm inspector be appointed.

Respectfully submitted,

A. A. LANDREVILLE,

Inspector of Milk & Provisions.

Agent & Executive Officer

REPORT OF INSPECTOR OF MILK, PROVISIONS AND SLAUGHTERING

New Bedford, Jan. 28, 1932

To the Board of Health,

Gentlemen:

My report as Inspector of Milk, Provisions and Slaughtering is herewith submitted:

All the cows within City limits have been inspected and found to be in good health.

The bakeries have been inspected twice during the year and some more often; the majority being found in good sanitary condition. Five new bakeries have been opened during the year and few of the old bakeries have closed up.

All sausage and linguica plants have been inspected and found satisfactory. Two new establishments have started during the year.

The seven bottling plants and all soda fountains have been inspected and found to conform with the law.

Markets and stores have been inspected at frequent intervals, after many check ups by sanitary officers and myself, the exposure of food stuffs has been lessened, especially candy in department stores.

On few occasions have inspected the New Bedford Slaughtering House and the slaughter house for fowls has required constant attention.

Respectfully submitted,

WILLIAM J. O'CONNOR,

V. M. D.

REPORT OF INSPECTOR OF SLAUGHTERING

New Bedford, Jan. 7, 1932

To the Board of Health,

Gentlemen:

I herewith submit my annual report of the work performed by me during the year ending December 31, 1931.

INSPECTIONS DURING YEAR

	Cattle	Calves	Hogs	Sheep
January	128	94	49	2
February	82	106	27	2
March	140	137	35	1
April	99	140	30	1
May	88	128	16	0
June	80	122	19	0
July	103	104	14	2
August	91	99	13	0
September	118	88	21	0
October	128	80	32	4
November	106	87	39	6
December	89	90	46	3
	1252	1275	341	21

21 Cattle condemned for Tuberculosis

2 Calves Condemned for Immaturity

Respectfully submitted,

Edgar E. Cory, Inspector.

REPORT OF INSPECTORS OF PLUMBING

New Bedford, Jan. 28, 1932

To the Board of Health,

Gentlemen:

Following is the work by Inspectors of Plumbing for the year ending December 31, 1931:

Inspections of plumbing, investigations of nuisances and defective plumbing and inspection of relief valves—3310.

Respectfully submitted,

Willam Deacon,
Ernest G. Parker,

Inspectors of Plumbing

REPORT OF SUPERINTENDENT OF GARBAGE PLANT

New Bedford, Jan. 1, 1932

To the Board of Health,

Gentlemen:

I submit herewith my report for twelve months ending November 30, 1931.

Total amount of Garbage and Rubbish incinerated 20,407 tons.

Respectfully submitted,

A. M. THRESHER

Supt. Garbage Disposal

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ANNUAL REPORT

of the Board of Health

IN BOARD OF ALDERMEN

May 12, 1932

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk

IN COMMON COUNCIL

May 12, 1932

Concurred,

RUTH G. HILTON, Clerk

Attest:

RODOLPHUS A. SWAN,
City Clerk

ANNUAL REPORT

OF THE

Inspector of Animals

TO THE CITY COUNCIL

FOR THE YEAR 1931

NOVA BEDFORDIA CONDITA A.D.
LUCEM DIFFUNDO
CIVITATIS REGIMINE DONATA A.D.

1932
City Printing Co.
Printers

CITY OF NEW BEDFORD

IN COMMON COUNCIL,

March 10, 1932.

Received, placed on file and sent up for concurrence.

RUTH G. HILTON,
Clerk.

IN BOARD OF ALDERMEN,

March 14, 1932.

Concurred.

RODOLPHUS A. SWAN,
City Clerk.

3 r

March 1, 1932.

To His Honor, the Mayor,
and Board of Aldermen:

Gentlemen:

I herewith submit my report as Inspector of Animals for 1931.

The annual inspection of cattle in the City was made, and I found within the City limits 282 cows, 88 pigs, 8 bulls and a few goats.

Three cows condemned because of tuberculosis and ordered barns cleaned and disinfected.

I investigated 112 dog-bites, but in no case did the dogs have rabies. There were only 4 cases of rabies in dogs during the year, a decided drop from 1930, possibly due to the restraining order that was in effect and also to the numerous inoculations of anti-rabic serum that were made; none of the dogs affected had bitten a human being.

During the year I was called by the Police Department to look at animals that were injured or running wild to decide as to what disposition should be made of them.

Respectfully submitted,

WILLIAM J. O'CONNOR, V. M. D.,
Inspector of Animals.

ANNUAL REPORT

OF THE

INSPECTOR OF WIRES

TO THE CITY COUNCIL

For the Year 1931

NOVA BEDFORDIA CONDITA A.D. 1787 CIVITATIS REGIMINE DONATA A.D. 1847

LUCEM DIFFUNDO

1932
Bradbury-Waring, Inc., Printers

ANNUAL REPORT

New Bedford, December 21, 1931.

To His Honor the Mayor and City Council of the
City of New Bedford:

Sirs: I respectfully submit my annual report of this department from November 29, 1930, to December 1, 1931.

INSPECTION OF INSIDE WORK

During the year have made 5,668 inspections.

Have issued to the New Bedford Gas & Edison Light Company 1,760 permits to connect electric services.

Sent out to the contractors and property owners 1,939 reports on defective wiring.

Have issued 1,670 certificates on rough work.

REMOVAL OF OVERHEAD WIRES AND CONSTRUCTION

On January 16, 1931, after a meeting of the Inspector of Wires, City Engineer and Superintendent of Streets, the following letter was sent to the Mayor and Board of Aldermen:

Gentlemen:

The undersigned met on January 16 in accordance with section 3 chapter 335 of the acts of 1914, and voted to recommend the following streets to you for action in ordering the removal of poles and wires this year:

Court St., Rotch St. to Rockdale Ave.	1,440	feet
Reed St., Arnold St. to Court St.	870	"
Junior St., Arnold St. to Union St.	650	"
Palmer St., Arnold St. to Court St.	870	"
Brownell St., Arnold St. to Court St.	875	"
Armour St., Arnold St. to Court St.	875	"
Rotch St., Arnold St. to Court St.	875	"
Total	6,455	feet

Yours very truly,

(Signed)

WILLIAM P. BRIGGS, Inspector of Wires.
GEORGE H. NYE, City Engineer.
WILLIAM P. HAMMERSLEY, Supt. of Streets.

Amount to be removed each year under the act......5,280 ft.

Removed	in	1915	5,173	feet		–107
"	"	1916	6,212	"	+932	
"	"	1917	4,522	"		–758
"	"	1918	0	"		–5280
"	"	1919	4,869	"		–411
"	"	1920	5,793	"	+513	
"	"	1921	5,376	"	+96	
"	"	1922	5,820	"	+540	
"	"	1923	5,070	"		–210
"	"	1924	8,055	"	+2775	
"	"	1925	7,470	"	+2190	
"	"	1926	4,750	"		–530
"	"	1927	4,120	"		–1160
"	"	1928	5,960	"	+680	
"	"	1929	5,715	"	+435	
"	"	1930	5,579	"	+299	
"	"	1931	6,455	"	+1175	
					+9635	–8456
Net						+1179 feet

City of New Bedford,

In Board of Aldermen.

February 12, 1931.

WHEREAS, under the provisions of Chapter 335 of the Acts of 1914, notice has been given and a hearing has been held by this board, it is hereby

ORDERED, that all telegraph, telephone, electric light, electric motor or power, and all other wires, cables and conductors in and above the hereinafter designated streets, and all poles and structures in said streets used for the support of the same, excepting such structures, poles, cables, wires and conductors as are excepted by said Chapter 335, Acts of 1914, shall be removed within the time named in said chapter, or that said wires, cables or conductors shall be placed, maintained and operated in underground conduits.

Locations for said underground conduits shall be petitioned for in accordance with the provisions of Chapter 335, Acts of 1914, and all acts in addition thereto or amendment thereof.

The streets or parts of streets designated and affected by this order are as follows, to wit:

Court street, Rotch street to Rockdale avenue	1,440 feet
Reed street, Arnold street to Court street	870 feet
Junior street, Arnold street to Union street	650 feet
Palmer street, Arnold street to Court street	870 feet
Brownell street, Arnold street to Court street	875 feet
Armour street, Arnold street to Court street	875 feet
Rotch street, Arnold street to Court street	875 feet
Total	6,455 feet

The City Clerk is hereby directed to serve notice of the adoption of this order upon the owners of all wires, cables or conductors in and above said streets, and all poles and structures in said streets for the support of the same, by mailing to each of said owners, by United States registered letter mail an attested copy of this order.

And the City Clerk is hereby further directed to cause this order to be recorded in the Book of Location Order Records, as provided in Chapter 509, Acts of 1911, and to furnish a copy of this order to the Inspector of Wires, the City Engineer and the Superintendent of Streets of the City of New Bedford.

IN BOARD OF ALDERMEN,
February 12, 1931.

Adopted.

RODOLPHUS A. SWAN, City Clerk

PRESENTED TO THE MAYOR FOR APPROVAL,
February 19, 1931.

RODOLPHUS A. SWAN, City Clerk.

APPROVED.
February 19, 1931.

CHARLES S. ASHLEY, Mayor.

ATTEST:

(Signed) RODOLPHUS A. SWAN,
City Clerk.

OUTSIDE WORK

During the year I have investigated and reported to the Mayor and Board of Aldermen on 84 petitions of wire using companies, involving 172 poles and 16 conduit petitions.

POLICE SIGNAL SYSTEM

Report for the year ending December 1, 1931.

During the year ending December 1, 1931, there has been three new police boxes added to the system and one new box installed replacing a worn and defective box. This work has required the extension of over-head lines for a distance of 1900 feet. Three of the police boxes have been relocated, requiring line extension for a distance of 2450 feet. Five boxes have been reset on new poles and the entire number repainted.

New under-ground cable has been installed for a distance of 1020 feet permitting the permanent discontinuance and removal of 1310 feet of over-head lines. One box has been set on an iron pedestal and connected by under-ground cable.

Defective over-head wire construction through trees has been replaced for a distance of 1150 feet with suitable tree cable. A portion of the storage battery equipment operating the system has been renewed. There are 89 police boxes and five private boxes connected on the system.

Respectfully submitted,

WILLIAM P. BRIGGS,
Inspector of Wires.

IN BOARD OF ALDERMEN

December 30, 1931

Received, ordered printed in the city documents, and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL

December 30, 1931.

Concurred.

RUTH G. HILTON,
Clerk.

Attest:

(Signed) RODOLPHUS A. SWAN,
City Clerk.

The Eightieth Annual Report

OF THE

TRUSTEES

OF THE

FREE PUBLIC LIBRARY

CITY OF NEW BEDFORD

MASSACHUSETTS

For the Year 1931

THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1932

Officers of the Free Public Library

FOR THE YEAR 1932.

Trustees.

Ex-officio	Terms expire January, 1933
CHARLES S. ASHLEY	Mayor of the City
ERNEST E. LAVERTU	Pres. of the Board of Aldermen
JOHN L. ALMOND	Pres. of the Common Council

Elected by the City Council.

COOPER GAW,	Term expires April, 1932
W. A. ROBINSON, Jr.,	Term expires April, 1932
FRANK A. MILLIKEN,	Term expires April, 1933
ALICE P. SHOCKLEY,	Term expires April, 1933
CHARLES M. HOLMES,	Term expires April, 1934
IRVING W. COOK,	Term expires April, 1934

Committees

On Library	MESSRS. MILLIKEN AND HOLMES
On Buildings	MRS. SHOCKLEY
On Finance	MR. HOLMES
On Branches	MR. IRVING W. COOK

Librarian.	*Assistant Librarian*
GEORGE H. TRIPP,	CLEMENT L. YAEGER.

Cataloguer

EDITH H. COBB.

Librarian's Secretary

MINERVA F. MAXFIELD.

Heads of Departments

ALICE H. TRIPP	Reference Librarian
JANE E. GARDNER	Art Librarian
ETHEL WILCOX	Children's Librarian
GRACE D. SHERMAN	Circulation
L. GERTRUDE WILCOX	Genealogical Librarian

Desk Attendants and Assistants.

EDITH H. BRODHEAD	Delivery Desk
ELSIE COLLINS	Ingraham Hall
FLORENCE E. FARWELL	Catalogue and Ingraham Hall
HELEN S. KENNEDY	Accession Room and Children's Room
LENA D. PAULL	Accession and Delivery Desk
STELLA M. FERGUSON	Accession and Art Room
MARIA E. MAXFIELD	Catalogue and Art Room
ANNA CABRAL	Accession and Hospital
JANE T. THURSTON	Children's Room
MARION H. BONNER	Reference Room
LUCY M. LAGASSE	Children's Room
ABBIE F. REED	Newspapers and Magazine Room

Branches

North	AMANDA DION, MARJORIE COBB
South	CAROLINE AKIN, HELÉNE LEDOUX
West	CLOTILDA KOBZA

Pages.

Louise E. Kruger
Grace V. Hebert
Elton Morde
Florence Dixon
George Smith
Kathleen U. Lawless
John C. Broadmeadow

Elevator

Alfred Mayall

Janitors.

George Sunderland
Garrison L. Oliver
George Brightman
Mary Watson,

TRUSTEES' REPORT

To the Honorable, the City Council of the City of New Bedford, Mass.

The trustees present their eightieth annual report to the City Council in the Report of the Librarian, which has been adopted by the Board.

Respectfully submitted,

BOARD OF TRUSTEES,

GEORGE H. TRIPP,

Clerk of the Board.

LIBRARIAN'S REPORT

To the Trustees of the Free Public Library.

One of the most encouraging signs of modern library work is the extremely courteous interchange of books and information between libraries in all parts of the country. Instead of a library feeling that its resources are confined to its own building, the potentialities are boundless. Libraries are continually borrowing and lending from one section of the country to another, and it is safe to say that rarely a book is lost by this interchange of service. I hope to print with this report a small map showing the way in which the books from the New Bedford Library have been of service to other communities.

It has been said more than once that all avenues of information by which one can add to his store of knowledge are limited to three: personal experience and observation; tradition, "he told me"; and what is found in books, magazines, and newspapers. Outside of these three sources of information there is no possible method of imparting or receiving the news of past, present, or suggestions of future events. Here is where the opportunity for the library comes in.

In these times of economic stress libraries all over the land report an increased interest in reading rooms and libraries. To quote from an article in a library magazine published last April, "Due to present economic conditions, men are spending their leisure hours in public libraries in an effort to prepare themselves for special lines of work, now that idleness gives them time; to further qualify for better jobs when jobs are again available; merely while away the long hours; to read the books that they have for years promised themselves the pleasure of reading; as a place of refuge from winter cold or spring dampness. Whatever the motive that leads men to public libraries, the course is apparent and the result is crowded reading rooms and soaring circulation figures."

* * * * * * * * *

"Altho public libraries were not built as shelters or places of amusement, they were founded on a definite policy of helpfulness, and no library authority has yet been heard from who has objected to giving additional reading services to the unemployed.

After the snows of winter have passed and the storms of adversity quieted down, many thousands of men, taking heart, will find themselves better equipped mentally for those hours spent in the public library. And the libraries—those good old plodding public libraries that have been open all day and often till late at night—will find that they have a different position in their communities. They have become a friend to restless, unwilling idlers—and a friend in need will become a friend indeed."

The American Library Association in a recent publication points to the necessity of maintaining, in spite of all obstacles, those essential services which promote intelligent thinking and vocational education or re-education and which help to keep up the public morale.

ART ROOM

The Art Room has received copies of books on early American prints, and early American costume. A collection of colored plates of State flowers was exhibited and created much interest. There was also an exhibition of postal cards and views of California scenery. During the early part of the year there were exhibitions of Thornton Oakley's unique sketches loaned by the American Federation of Arts, and later, paintings and drawings by Miss Mabel E. Davis and her pupils.

The book circulation increased more than 10%. There was also a gain in the circulation of pictures, largely used by the Schools.

The Art Room has been able to help out-of-town libraries with books on Russian art and music, on Japanese artists, and specimens of Gothic architecture in the United States, Romanesque, Renaissance types, etc.

GENEALOGICAL ROOM

The work of this room has been carried on as in the past. Everything of local interest in the way of pictures and newspaper items has been carefully cut out, pasted, and indexed.

The New Bedford column of the Sunday Globe, and the Genealogical pages of the Transcript have been given special attention.

The Old Dartmouth Historical Publications now number 57.

Among the notable books added to the library during the year have been the "Grinnell Family" by William M. Emery, presented by Laurence Grinnell, and "Noman's Land: Isle of Romance", by Annie M. Wood, edited and published by her husband, Cameron E. Wood.

LECTURE HALL

The Lecture Hall and other rooms on the upper floor proved their usefulness as a civic center. Over 400 meetings were held in those rooms by 84 organizations. Book Talks were held as usual. The list of speakers will be found in an appendix.

The Massachusetts University Extension Courses have attracted many people to the library to take advantage of these wonderful opportunities for a broader education.

INGRAHAM HALL

In Ingraham Hall, the main reading room, there have been many more readers during the year than ever before. The circulation of non-fiction from this room has shown an increase. Attention is called to the classified lists of books on all subjects, arranged around the walls. Usually the newest books of non-fiction can be found in this room.

MAIN DESK

An item of interest from the Delivery Desk is the fact that during 1931 from the Waiting List, borrowers to the number of 5100 were notified by telephone or postal; 476 of these books were not called for, leaving a balance of 4,624 books called for in response to the notification from the desk.

All the reading rooms, including the Reference Room, have been crowded during the past year. The Reference Room circulated directly 8,768 books. Books numbering 643 were sent to the High School. There were 289 inter-library loans.

REFERENCE ROOM

Among the rather unusual questions propounded at the Reference Room are the following,

Description in a few words of Hardanger embroidery.

Edict of Toleration signed at Baltimore (Act of Religion).

Name of French Consul in Boston.

Proper names in Spanish for men and women.

Diagram for sail used in skate sailing.

Ceremony for laying of corner-stone.

Marathon; where held, who won, and nationality, 1920, 1924, 1928.

Have you any large yellow books on lumber?

On what island is Fort Strong?

Which is further East, Nantucket, Mass., or Eastport, Maine?

Which is the harvest moon, and which the hunter's moon?

Did Emerson write "The Goldbug?" If he didn't, who did?

Sometimes the needed answer settles an argument; sometimes it aids a student in his research work, or assists the business man; then again, it helps the school boy in preparing his lesson.

Weeks devoted to special things or courses of lectures on special subjects create a request for books to be reserved in the Reference Room. This was done for the Business and Professional Woman's Club, and for the Hard of Hearing Club, and books furnished by the Massachusetts University Extension Course are now on reserve.

For the young man or young woman wishing to choose a life work, there is the loose-leaf book called "Careers," added during the year, containing fifty-two different vocations from which to make a selection.

For the person who seeks diversion and recreation in some pet hobby, there is the magazine called "Hobbies"; and those interested in horsemanship will be glad to make the acquaintance of "Sportologue," another magazine added during the year.

A collection of lists of books has been compiled such as,

- Recreational Reading for Young People.
- Easy Books for New Americans.
- Catalogue of Literature for Advisers of Young Women and Girls.
- One Thousand Useful Books.
- Cheerful Short Stories.
- Mounted Police.
- Biography and Autobiography.
- Touring by Automobile.
- Travel.
- Dog Stories (of the North).

Recent books added to the Reference Room are "Living Authors; a book of biographies," edited by "Dilly Tante," and Scribner's Biographical Dictionary.

The Constitution's visit to New Bedford this summer was the occasion for the writing of compositions on "Old Ironsides" by the school children.

BRANCHES

The branches have successfully carried on the work of the library. I append an interesting report from the South Branch which shows the great increase in work since the new building was occupied.

"The circulation of the South Branch has increased from about 56,000 in 1926 to 96,413 in 1931 showing the rapid growth during the five years the Branch has been established in the new building.

Considering that the Library consists of 5,000 volumes, including children's, foreign, and reference books, and there are only 2,300 volumes of fiction, one can easily see the books have to work overtime, the circulation for one day being as high as 526.

Our patrons highly approve of the open stack system where they can help themselves and browse among the books. With the aid of a bulletin board, we try to keep the public informed as to the new books added. 649 'book request' postals were sent this year, proving that people appreciate being able to reserve books.

Through the splendid cooperation of the Police Department, we have been able to obtain fifty books otherwise lost to the library.

Due to unemployment, our Reading Room is filled both afternoon and evening. The Adult Room is so crowded at times that the Juvenile Room has to be used also.

The children from Grammar and Junior High Schools make use of all the reference books, the Reference Room being crowded from four in the afternoon until eight in the evening when this room closes.

People of all nationalities use the South Branch Library, and seek knowledge on all subjects. There is great demand for French and Portuguese books, but with only 95 French and 110 Portuguese books, it is impossible to satisfy the people.

How to get the Fire Department, a policeman, or reach the Hospital are some of the emergency calls received.

Our greatest need is for more books."

Respectfully submitted,

(sd) CAROLYN AKIN,

The crying need at the North Branch is for a new building in a better location which will provide for that section of the city. The distributing center for our books should be at least a mile to a mile and a half further north.

JUVENILE ROOM

During the year 1931 the Juvenile Department has had a very busy year with an increase in circulation of over 1,000. This department has supplied our schools with the usual number of books for primary grades.

Picture books too expensive to be included in our school collection have been loaned to kindergarten teachers for one month at a time.

Last fall the Juvenile Room provided 229 classes with books from our school collection.

A display of new fall Juvenile books, together with the old favorites, was shown in the Children's Room during Book Week. The room was decorated with unusual posters provided by eighth grade pupils. Highly colored book jackets on display helped to make the room all the more attractive.

On stormy days, book jackets are provided for wrapping each book. This care of the books helps to eliminate some of the constant repairing which is a part of the daily routine in this department.

Through the kindness of an interested friend our room received, at Christmas-time, the gift of a handsomely lighted tree. This holiday feature and the display of books as suggestions for Christmas gifts have now become a yearly attraction to both parents and children.

The stereoscopes and pictures are always in great demand. At the suggestion of several optometrists, special sets have been provided for people having poor eye-sight.

The Juvenile Department has suffered at the unfortunate absence, on account of illness, of Miss Ethel Wilcox, the Children's Librarian. The work, however, has been carried on successfully by the young women in that room.

SCHOOLS

The books for the elementary schools and the Junior High Schools have, as usual, been provided by the library to the extent of several thousand books added each year. We feel that this service is of importance in acquainting the youth of the city with the advantages of reading and becoming familiar with good books.

The school collections now number over 12,000 books.

HOSPITAL

The hospital service was carried on with increasing interest during the past year. There were circulated among the patients and nurses 7,039 books, 4,189 magazines, making a total of 11,228 items of reading matter distributed, a gain of 700 over the last year.

GIFTS

The gifts of books and pamphlets have materially enriched our book collection. These gifts come to the library in increasing numbers and are heartily appreciated.

An interesting addition was made to the historical collection by the gift of a silver pitcher and tray presented nearly eighty years ago to the then Mayor, Rodney French. This pitcher and tray were presented to him by the colored residents of New Bedford who greatly appreciated his services at the time of the so-called "underground railroad."

Among the notable gifts of the year are two paintings by Van Beest and a painting of a night scene at Mentone by Mrs. Arthur Ricketson given to the library by Miss Louisa Ricketson; a notable oil painting by Arthur Cumming, formerly Art Instructor in the New Bedford schools, presented by an anonymous donor. A painting by William Baylies, loaned to the library for a number of weeks attracted much attention.

A bequest of $1,000 was left to the library by the will of the late George H. H. Allen. This bequest will not be available for several years, but is a pleasant reminder of the interest that Mr. Allen had taken in the library.

Through the good offices of the Chamber of Commerce we have been supplied with directories of numerous cities, and the Telephone Company has also given us many directories of the current year.

Through the extreme generosity and desire for help that generally actuates the workers in our libraries, there is sometimes a danger that in a few cases this desire to help is abused. I have known of cases where a person has taken a book from the library, and if no one has called for it meanwhile, the book has been renewed and renewed for months. Again college boys sometimes are rather grasping in their desire for armfuls of books to take back to college towns where it would seem that they might get more immediate help from their college libraries. Such incidents as this have to be handled with discretion, and yet enough firmness to show that the library must not be injured by unreasonable demands, or over-zealous desire to help.

Again, sometimes questions come from out-of-town which are rather trying because they seem to demand much more than the library should grant. Several times, from the middle West, questions have come on genealogical matters which would take weeks to answer. In such cases the ground has usually been pretty thoroughly canvassed and they appeal to us as a last resort. Sometimes they enclose postage for a reply, and at other times, not. In the cases mentioned above I was forced to reply that the proper procedure would be to get a professional genealogist. These inquirers usually want to join some patriotic society, and sometimes professionals themselves ask these questions, for which they probably are well paid by their clients.

An odd question came to the library the other day to know how much is true in "Moby Dick."

The motto of hotels which says that the customer is always right, theoretically is true but sometimes rather difficult to live up to.

Some of the larger libraries have what are called "Reader's Advisers," who suggest reading matter to assist those who would like a course of reading to promote their intellectual advancement. The library has advertised its readiness to help such inquirers and to suggest books on subjects presented.

The United States Government Publications, sent free to our library as a depository, contain an extremely varied and important collection of material which should be generally known and used.

The Farmers' Bulletins especially, not by any means confined to agricultural interests, contain a wealth of material.

Also of great value are the Cornell University pamphlets.

A matter which has caused a great deal of anxiety and distress among librarians in all parts of the country is the theft and mutilation of books and magazines. I quote from a recent article in one of the Library Journals.

"Some 'leakage' is to be expected, due usually to absent-mindedness or carelessness, but an organized and skilful attempt to make profits through felonious sale of university and public property in books, if successful and unpunished, might lead to serious restrictions upon the reading habits of the public. Library thieving is mean thieving and vicious thieving, for it hurts a hundred instead of one."

Never before has the opportunity for purchasing books for private libraries been so easy on the purse as now, when many books originally sold for $3. to $5. have been reprinted in $1. editions so that the "List of $1, Books" is constantly increasing. The library has catalogues of these publishers which will be available to anyone on application to the Librarian.

The Librarian was invited by the local radio corporation to broadcast in the interest of the library. In taking advantage of that offer the Librarian gave three fifteen minute talks on succeeding Monday evenings, advertising the facilities and the attractions of the Free Public Library.

During the year many articles have appeared in the local papers for which we feel greatly indebted.

The publications of the year have been the quarterly bulletins of additions to the library, and a reprint of the pictures in the library.

A revised Magazine List is being prepared containing a classified list of 350 magazines to which the library subscribes.

By photostatic means it is now possible to have reproductions of important matter, which the library does not feel like buying in its original form. At a very small expense several libraries, notably the Engineering Societies Library of New York, are able to photostat pages from foreign magazines which we otherwise would not be able to procure.

At their own expense, five of the Library Staff, including the Librarian, attended the Convention of the American Library Association at New Haven. The opportunity was of great value and an inspiration.

The work of the staff merits approbation. They have striven with success to meet the insistent demands which assailed the various sections of the library where books are distributed and taken in.

Staff meetings, developing interest and proving of advantage to the members of the staff are held at intervals, as has been the custom for many years.

The janitors have been assiduous in their labors, and I can commend their work.

The thanks of the Library Staff are due to the members of the Board of Trustees, who have assisted in upholding the good traditions of the Library.

Respectfully submitted,

GEORGE H. TRIPP,

GHT/M Librarian.

APPENDIX A.

ADDITIONS BY CLASSES IN YEAR 1931.

NEW TITLES

General Works,	20
Ethics and Philosophy,	35
Religion,	28
Social Sciences,	99
Manners and Customs,	5
Folk Lore,	2
Education	23
Language,	7
Science,	38
Useful Arts,	68
Medicine, Physiology, and Hygiene,	23
Fine Arts,	20
Music,	7
Amusements and Sports,	21
Literature,	87
Description and travel,	105
Individual Biography,	103
Collective Biography, and Genealogy and Heraldry,	20
History,	59
Fiction,	383
Foreign Languages:	
French,	13
Greek,	1
Portuguese,	29
West Frisian	1
Yiddish,	43
Books for children,	196
Books for the Blind,	12

APPENDIX B.

CIRCULATION.

Main Collection, Adult,

Classification.	No. of Books	Per cent of Whole
Miscellaneous and periodicals,	8,134	3.91
Philosophy,	1,851	.89
Religion,	1,309	.63
Sociology,	3,778	1.82
Language,	747	.36
Science,	2,361	1.14
Useful Arts,	5,757	2.77
Fine Arts,	5,872	2.82
English literature,	5,806	2.79
Foreign literature,	908	.44
Biography,	5,809	2.79
Genealogy,	43	.02
History,	3,590	1.68
Travel and description,	5,658	2.72
English fiction,	151,418	72.80
Foreign fiction,	4,941	2.38

Main Collection, Juvenile,

Classification,		
Fairy Tales,	7,607	11.21
Biography,	1,451	2.14
History,	1,449	2.14
Travel and description,	1,763	2.60
Fiction,	39,146	57.68
Miscellaneous including Bible Stories, Literature, Useful Arts,	6,036	8.89
Easy Books,	10,413	15.34

Books drawn for home use, Central Library, Main Collection: Main Desk,* 80,430; Ingraham Hall, 113,593; Reference Room,* 8,763; Art Room,* 4,658; (Including 72 books for the Blind), Genealogical Room, 211; Teachers' Room 327	207,982
Books circulated from Juvenile Room,	67,865
Books circulated from School Collection,	139,551
Books circulated from High School Library,	4,604
Books circulated from Junior High Schools,	20,473
Books circulated directly from Branch Reading Rooms,	195,818
St. Luke's Hospital,	11,228
Inter-library loans, (Ref. R. 286, Art R. 14, Desk 15, Gen'l R. 3, Borrowed 3,)	321
Total circulation of books,	647,842

Pictures loaned: Art Department,	
Art Photographs,	10
Prints,	357
Prints, (color),	17,318
Architecture,	25
Sculpture,	42
Stereographs, (Juv. R.)	21,507
Miscellaneous,	36,920
"Pictures" (South Branch)	562
	76,741

GENERAL STATISTICS FOR 1931.

Books Added.

Volumes purchased, Main Collection,	2,634
Volumes purchased, Juvenile Room,	562
Volumes purchased, School Collection,	1,547
Volumes added by gift and entered,	612
	5,355

Pamphlets Added.

Pamphlets purchased,	20
Pamphlets added by gift,	4,038
	4,058

Other Additions.

Poster colored, (gift)	1
Colored plates, State flowers, (gift)	47
Colored cards, (gift)	525
Maps, (gift)	230
Mounted clippings, (pictures)	1,521
Magazine subscriptions from individuals,	8
Magazine subscriptions (gift) publishers,	118
Volumes worn out and withdrawn (73 exposed to contagious diseases.)	
Main Collection,	940
Juvenile Collection,	725
School Collection,	776
	2,441
Volumes replaced	
Main Collection,	190
Juvenile Room,	65
School Collection,	1,256
	1,511
Net addition to the Library in volumes,	2,914
Number of volumes in Library, December 31, 1930	189,525
Number of volumes in Library, December 31, 1931	192,439

Volumes bound including periodicals and books rebound:

Main collection,	2,474
Juvenile Room,	840
School collection,	1,759
	5,073

Periodicals in Reading Room (including 118 by gift),			391
Newspapers in Reading Room (including 8 by gift),			45
New cards issued, (and 1,847 re-registrations) Central Library			
Adult, Central Library,	4,786		
(Includes 665 Juvenile Transfers)			
Through Branches,	1,311	6,097	
Cancelled,		78	6,019
Juvenile, Central Library,	760		
Through Branches,	966		
Cancelled,		14	1,712
			7,731

Total 5 year Registration, Central Borrowers, Adult, "Active list", (including Juvenile Transfers)	21,446
Central Juvenile "Active list",	10,810

Notices sent out for over-due books:

Main Library—	Postal cards, 6,491; letters, 702	7,193
Juvenile Room—	Postal cards, 1,792 letters, 179	1,971
Branches—	Postal cards, 3,986; letters, 469	4,455

Books-Reserved Notices sent, Branches, 951.
Books sent for by messenger, Central, 133.
Books secured by messenger, Central 60.
Books secured by messenger, Branches 85.

BRANCH READING ROOMS IN DETAIL

NORTH

Books circulated—Adult, 39,991.		
Juvenile, 26,834,	Central, 68,	66,893
Cards issued through Central:		
Adult (including 80 Juvenile Transfers) 462, Juvenile, 444,		906
Total registration, "Active list", Adult, 4,916, Juvenile, 2,718		7,634
Periodicals in Reading Room,		25
Newspapers in Reading Room,		14

SOUTH

Books circulated—Adult 60,086		
Juvenile, 36,327,	Central, 221	96,634
"Pictures" circulated		562
Cards issued through Central:		
Adult (including 200 Juvenile Transfers and 171 Renewals) 719, Juvenile 430		1,149
Total registration, "Active list", Adult, 3,637, Juvenile 3,077		6,714
Periodicals in Reading Room,		30
Newspapers in Reading Room,		17

WEST

Books circulated—Adult, 22,464 Juvenile, 10,116, Central, 319,	32,899
Cards issued through Central: Adult (including 17 Juvenile Transfers) 129, Juvenile 91,	220
Total registration, "Active list", Adult, 1,324, Juvenile, 551	1,875
Periodicals in Reading Room,	20
Newspapers in Reading Room,	10

APPENDIX C.

FORM OF LIBRARY STATISTICS

Compiled for the A. L. A. Committee on Library Administration.

Annual report for the year ending December 31, 1931.
Name of Library, New Bedford Free Public Library.
Name of Librarian, George H. Tripp.
City, New Bedford, Mass.
Population served, 111,539, (Apr. 1, 1931.)

Terms of use—
    Free for lending.
    Free for reference.

Total number of agencies.
Consisting of—Central Library.
- Branches, Three.
- High School Library.
- 2 Junior High Schools.
- 30 Schools, (215 rooms in schools.)
- 10 Out-of-town schools, with 21 rooms.
- Y. M. C. A. Boys' Camp.
- 6 Continuation school classes.
- 1 Hospital.
- Books lent to 23 other libraries.
- Books borrowed of two libraries.

Number of days open during the year (Central library), 363.
Hours open each week for lending (Central library), 72.
Hours open each week for reading (Central library), 79.
(Holidays and Sundays, open 7 hours for reading, except that Library closed July 4, and Christmas Day).
Total number of staff, 26.
Total valuation of library property, $850,000.

APPENDIX D.

BOOK TALKS

FREE PUBLIC LIBRARY

New Bedford, Mass.

1931

LECTURE HALL, ON MONDAYS

4:30 P. M.

Rev. William B. Geoghegan, Walton Ricketson, Artist and friend.	January 12
Julia A. Joyce, English Universities: Oxford, Cambridge, and the University of London.	January 19
Hart Cummin "The Raven—The Life Story of Sam Houston," by Marquis James.	January 26
Oliver Prescott, Jr. "Builders of the Bay Colony," by Samuel Eliot Morison.	February 2
Leo R. Etzkorn Newer books.	February 9
Rabbi Bernard H. Ziskind, "The last days of Shylock" by Ludwig Lewisohn.	February 16
Harrie W. Johnston Music Masters and Master Music TUESDAY at 7:30 P. M.	February 24
Frederick Hayford Four Negro Poets.	March 2
Jessie M. Barbour "Angel Pavement", by J. B. Priestley	March 9
Rev. Leslie Campbell Greeley A Neighborhood of Strange Souls. A visit last summer to Chelsea in London. The homes of Thomas and Jane Carlyle, J. A. M. Whistler, and J. M. W. Turner. Comment on recent biography.	March 23

APPENDIX E.

LIST OF ORGANIZATIONS USING LIBRARY FOR MEETINGS.

Albania, Talk on
Americanization Classes
Americanization Teacher's Assoc.
Animal Rescue League Committee
Archery Class Meeting
Bible School
Blind Circle
Book Talks
Boy Scouts
City Mission
Civic Improvement Association
Club of Principals Committee
Community Dealers Association
Crescent Club
Current Events Class (Miss Avery)
Dartmouth Teachers' Association
Daughters of the American Revolution
Daughters of Isabella
Daughters of Veterans
Dental Association
Franco-American Civic League
Garage Owners Association
Garden Club
Girl Scouts
Hard of Hearing Club
Hebrew Ladies Helping Hand Society
Hoover Club
Horticultural Society
Jewish Professional Women
Junior High School
Kindergarten Club
League of Nations
Lecture on Cancer
Library Classes
Massachusetts Catholic Order of Foresters
Massachusetts Medical Society
Massachusetts University Extension Courses
    Courses in English,
        Professor W. J. Chisholm
        Professor Mason
        Professor Robert E. Rogers
    Course in Psychology
        Professor W. B. Jacobs
Mathematics Club Committee Meeting
May Festival Committee
Mental Hygiene
Merchants Bank
Miss Fortin's Class
Mother's Club

National Club
New Bedford Bible Society.
New Bedford Business and Professional Women's Club
New Bedford College Club Committee
New Bedford Community Union Association
New Bedford Eastern Star Temple Corporation
New Bedford High School Alumni Committee
New Bedford High School, Class of 1918
New Bedford High School Debating Club
New Bedford Medical Society
Parliamentary Law
Philosophical Research
Polish Young People's Society
Ponce de Leon Club
Psychology Club
Real Estate Association
Red Cross
Reserve Officers
Rod and Gun Club
St. Lukes' Alumni
Scandia Bowling League
School Superintendents
Senior Hadassah
Sol-E-Mar Group
Staff Meetings
Stamp Club
Teacher's Advisory Board
Teacher's Association
Teacher's Benefit Association
Teaching English. (Miss Vaughan)
Thalien Dramatic Club
United Citizens Club
Vacation Schools
Vermont Club Committee
Welfare Federation
Whitman Mill
Woman's Republican Club
Women's Relief Corp.
Women's Christian Temperance Union

APPENDIX F.

APPROPRIATION

Appropriation,		$64,000.00
Salaries,	$41,412.39	
Wages,	16,167.00	
Supplies,	253.82	
Janitor's Supplies	262.49	
Repairs,	154.54	
Lighting Branches,	442.09	
Heating Branches,	251.26	
Postage,	201.58	
Telephones,	244.16	
Express and carting,	238.08	
Printing,	148.90	
Stationery,	34.81	
Building, miscellany,	348.05	
Library, miscellany,	196.47	
Periodicals,	560.29	
Binding Books,	218.40	
Binding Periodicals,	5.00	
Books,	87.88	
	$61,227.21	
Council transfer,	1,028.00	
Balance	1,744.79	
		$64,000.00

KEMPTON FUND

Balance,	$12.47	
Receipts and Credits,	11,198.28	
		$11,210.75
Books,	$7,431.48	
Periodicals,	955.91	
Binding Books,	2,099.32	
Binding Periodicals,	85.84	
Supplies,	199.13	
Printing,	136.05	
Stationery,	37.22	
Library miscellany,	77.76	
Janitor's Supplies,	15.76	
Express and Carting,	63.83	
Postage,	98.07	
	$11,200.37	
Balance,	10.38	
		$11,210.75

SYLVIA ANN HOWLAND FUND

Balance,	$4.65	
Receipts and Credits,	2,170.84	
		$2,175.49
Books,	$467.90	
Periodicals,	564.50	
Binding Books,	699.70	
Binding Periodicals,	59.05	
Supplies,	118.72	
Printing,	194.09	
Stationery,	12.10	
Library miscellany,	4.50	
Janitor's Supplies,	10.68	
Express and Carting,	39.00	
	$2,170.24	
Balance,	5.25	
		$2,175.49

GEORGE O. CROCKER FUND

Balance,	$13.91	
Receipts and Credits,	457.78	
		$471.69
Books,	$61.59	
Periodicals,	5.00	
Binding Books,	393.60	
Building miscellany,	10.40	
	$470.59	
Balance,	1.10	
		$471.69

JAMES B. CONGDON FUND

Balance,	$4.35	
Receipts and Credits,	22.50	
		$26.85
Books,	$2.20	
Periodicals,	16.00	
Supplies,	5.19	
Express and Carting,	2.50	
	$25.89	
Balance,	.96	
		$26.85

CHARLES W. MORGAN FUND

Balance,	$4.45	
Receipts and Credits,	45.00	
		$49.45
Books,	$17.70	
Periodicals,	1.00	
Stationery,	18.75	
Express and carting,	11.83	
	$49.28	
Balance,	.17	
		$49.45

CHARLES L. WOOD FUND

Receipts and Credits,	$85.32	
		$85.32
Books,	$54.48	
Periodicals,	7.50	
Printing,	20.50	
	$82.48	
Balance,	2.84	
		$85.32

GEORGE HOWLAND, JR. FUND

Balance,	$47.20	
Receipts and Credits,	72.00	
		$119.20
Books,	$80.00	
Periodicals,	16.20	
Library miscellany,	12.75	
	$108.95	
Balance,	10.25	
		$119.20

OLIVER CROCKER FUND

Balance,	$47.79	
Receipts and Credits,	45.00	
		$92.79
Books,	$18.16	
Printing,	56.70	
	$74.86	
Balance,	17.93	
		$92.79

TOTAL EXPENDITURES

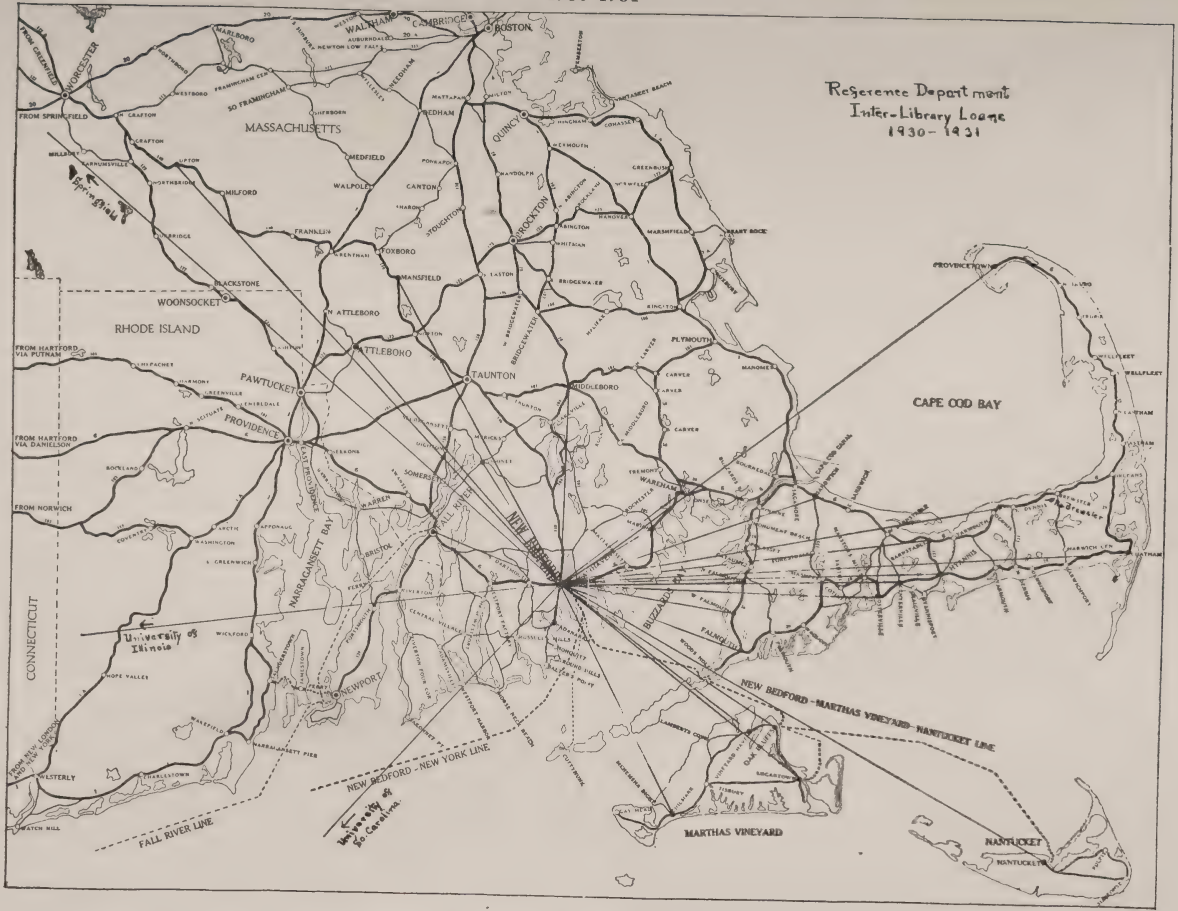
Salaries,	$41,412.39
Wages,	16,167.00
Books,	8,221.39
Periodicals,	2,126.40
Binding Books,	3,411.02
Binding Periodicals,	149.89
Supplies,	576.86
Janitor's Supplies,	288.93
Repairs,	154.54
Lighting Branches,	442.09
Heating Branches,	251.26
Postage,	299.65
Telephones,	244.16
Express and Carting,	355.24
Printing,	556.24
Stationery,	102.88
Library miscellany,	291.48
Building miscellany,	358.45
	$75,409.87

FINES

Receipts from fines,	$1,142.92	
Receipts from lost books,	82.27	
Receipts from sales,	27.61	
		$1,252.80
Paid City Treasurer,	$1,252.80	
		$1,252.80

APPENDIX G.

REFERENCE DEPARTMENT INTER-LIBRARY LOANS
1930-1931


Reference Department
Inter-Library Loans
1930-1931
BOSTON
CAMBRIDGE
WALTHAM
WORCESTER
FROM GREENFIELD
FROM SPRINGFIELD
MARLBORO
MASSACHUSETTS
SO FRAMINGHAM
DEDHAM
QUINCY
BROCKTON
MILFORD
WALPOLE
FRANKLIN
FOXBORO
MANSFIELD
ATTLEBORO
N ATTLEBORO
TAUNTON
MIDDLEBORO
PLYMOUTH
WAREHAM
MARSHFIELD
BRIDGEWATER
EASTON
STOUGHTON
CANTON
MEDFIELD
NEEDHAM
WELLESLEY
BLACKSTONE
WOONSOCKET
RHODE ISLAND
PAWTUCKET
PROVIDENCE
EAST PROVIDENCE
FROM HARTFORD VIA PUTNAM
FROM HARTFORD VIA DANIELSON
FROM NORWICH
FROM NEW LONDON AND NEW YORK
CONNECTICUT
WESTERLY
WATCH HILL
CHARLESTOWN
HOPE VALLEY
WICKFORD
NARRAGANSETT BAY
NARRAGANSETT PIER
NEWPORT
BRISTOL
WARREN
SOMERSET
FALL RIVER
TIVERTON
NEW BEDFORD
BUZZARDS BAY
FALMOUTH
WOODS HOLE
CAPE COD BAY
PROVINCETOWN
WELLFLEET
CHATHAM
HYANNIS
SANDWICH
CAPE COD CANAL
SAGAMORE
Brewster
MARTHAS VINEYARD
OAK BLUFFS
EDGARTOWN
NANTUCKET
CUTTYHUNK
Springfield
University of Illinois
University of So. Carolina
NEW BEDFORD - NEW YORK LINE
FALL RIVER LINE
NEW BEDFORD - MARTHAS VINEYARD - NANTUCKET LINE

ANNUAL REPORT

Trustees of the Free Public Library

In Board of Aldermen,

January 28, 1932.

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

In Common Council,

January 28, 1932.

Concurred.

RUTH G. HILTON,
Clerk.

Attest:

RODOLPHUS A. SWAN,
City Clerk.

Thirty-Eighth Annual Report

OF THE

DEPARTMENT OF PARKS

OF THE

CITY OF NEW BEDFORD
MASSACHUSETTS

FOR THE YEAR ENDING NOVEMBER 30, 1931

1932
City Printing Co.
Printers

BOARD OF PARK COMMISSIONERS

1931

GEORGE R. CHERRY
JEREMIAH COHOLAN
WILLIAM S. RAPHAEL
GEORGE H. CUSHING
BARNEY PAPKIN

OFFICERS

GEORGE R. CHERRY, Chairman
JEREMIAH COHOLAN, Secretary
EVERETT B. SHERMAN, General Superintendent
LOUISE DUPRE, Clerk

CONSULTING ENGINEER

GEORGE H. NYE

CITY OF NEW BEDFORD
BOARD OF PARK COMMISSIONERS

New Bedford, Mass., December 1, 1931.

To His Honor the Mayor and the City Council
of the City of New Bedford.

Gentlemen:

Agreeable to the provisions of General Laws, report and detail statement is hereby made with respect to all receipts, expenditures and liabilities for the preceding financial year, viz.:

FINANCIAL STATEMENT

Playgrounds

Payrolls	$ 3,840.03
Maintenance	154.71
Unexpended balance	5.26
	$ 4,000.00

Receipts

Appropriation	$ 4,000.00

Parks

Financial Statement for the Year

Ashley Park	$ 372.07
Buttonwood Park	15,563.50
Bridge Approach	2,324.06
Brooklawn Park	10,213.93
Common	7,395.67
Grove Park	198.41
Greenhouse	5,133.87
Hazelwood Park	8,135.14
Office	5,009.41
Victory Park	1,326.59
Council Transfer	2,000.00
Unexpended balance	2,327.35
	$60,000.00

Receipts

Appropriation	$60,000.00

Concession Privileges	$770.00
Minor Sales	18.00
Paid to City Treasurer	$788.00

Respectfully submitted,

EVERETT B. SHERMAN,
General Superintendent of Parks.

Outside of general repairs in the several parks, there was little work done in the line of improvements.

With an appropriate program there was planted at Brooklawn Park a "Thirteen Colonies Grove" of Norway maples, by the New Bedford chapter of the D. A. R. The thirteen trees in the group symbolize the thirteen colonies from which developed the United States. These colonies were Massachusetts, New York, New Hampshire, Maryland, Connecticut, Rhode Island, Delaware, North Carolina, South Carolina, New Jersey, Pennsylvania, Virginia and Georgia. A boulder with a marker bearing the names of the states for which each tree was named will be placed in the park later on by the D. A. R.

Considerable underbrush was cleared away in this park, and three more flower beds laid out. The warming house at the pond was repaired inside and painted outside. The bleachers were also painted.

At Buttonwood Park some improvements were, painting the bleachers, and finished clearing out the underbrush. A slight extension was made to the bridle path.

Besides general repairs at Hazelwood Park the work done in the way of an improvement was, the building of a bituminous driveway. This is a stretch of road about seventy-five feet that runs through the park east, from West Rodney French Boulevard. Heretofore heavy rains washed out this road and carried the road filling down onto the boulevard, and made carting it away a necessity.

Painting the bleachers was the only improvement made at Ashley Park.

At this time the Park Department needs more money than in previous years. Owing to labor conditions more people seek the parks for recreation than ever before and park activities have increased during the last few years to a great extent. As we have to care for three bowling greens, twenty tennis courts and seven baseball diamonds, a great amount of labor is required to keep them in condition.

At Buttonwood Park there were planted many trees and shrubs, which had been donated to this park through the generosity of the Garden Clubs of the city. The Buzzard's Bay Garden Club gave sixty Japanese Flowering Cherry trees, and these comprised, 10 Prunus serrulata sachalinesis fergenzo, 25 Jedoensis, and 25 Siebold cherry. The Garden Club of Greater New Bedford contributed the following shrubs; Buxus microphylla, Callicarpa japonica (Beauty Berry), Cornus Kousa and macrophylla (Dogwood), Cotoneaster adpresa and Zabelii (Rockspray Quinceberry), Hypericum inodorum, Lonicera chrysantha longipes and Ferdinandii, Magnolia stella rosea, Philadelphus coronatius speciossimus, and Lemoinei Pyramidal, Prinsepia uniflora, Japonica Nakaii, and serrulata sachalinensis, Spirea crenata, Syringa pubescens and robusta. Bittersweet was contributed by Miss Anna Holmes from her garden in Rochester, and Mrs. L. Bacon of Hussey Street gave seven Hydrangeas and one Blue Spruce.

On the suggestion of the Garden Club of Greater New Bedford, and through the courtesy of Stephen H.

Taylor of the Water Department who donated the trees, our department set out a number of spruce trees around Buttonwood pond. He also kindly assisted us with the transplanting.

Respectfully submitted,

GEORGE R. CHERRY, Chairman.
JEREMIAH COHOLAN, Secretary.
BARNEY PAPKIN,
WILLIAM S. RAPHAEL,
GEORGE H. CUSHING.

ANNUAL REPORT

Department of Parks, for the year ending
November 30, 1931.

IN BOARD OF ALDERMEN

February 11, 1932.

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL

February 11, 1932.

Concurred.

RUTH G. HILTON,
Clerk.

Attest:

RODOLPHUS A. SWAN,
City Clerk.

SEVENTH ANNUAL REPORT

OF THE

New Bedford Planning Board

AND

SIXTH ANNUAL REPORT

OF THE

Board of Appeals

ESTABLISHED BY THE BUILDING
REGULATIONS

For the Year 1931

1932
BRADBURY-WARING INC.
Printers

PLANNING BOARD REPORT

City of New Bedford,
January 1, 1932.

To the City Council of the City of New Bedford.

Gentlemen:

In compliance with the General Laws, Chapter 41, Section 71, and with Section 5 of an ordinance adopted by the City of New Bedford January 23, 1925, the Planning Board respectfully submits the following report of its doings and expenses for the year 1931:

The Board has held but five meetings during the year 1931.

There have been twelve petitions for changes of the zoning map, all of which were requests for a lower classification. In most cases the petitions were for a reclassification of a single lot for business use in a residence district. Ten of the twelve recommendations made by the board were followed by the council. In every case of spot zoning the recommendation of the board was unfavorable.

Only minor changes in the traffic ordinance have been made.

Only four petitions for billboards were received during the year. All were in business districts and were recommended favorably.

The expenditures of the Board for the fiscal year ending November 30, 1931, were as follows:

Appropriation		$100.00
Publications	$10.50	
Annual Report	18.00	
Clerical Work	30.00	
Dues—Massachusetts Federation	15.00	
Dues—National Conference of City Planning	5.00	
Traveling expenses	6 30	
Miscellaneous	7.77	
Total expenditures		$ 92.57
Unexpended balance		$ 7.43

Respectfully submitted,

CHARLES S. ASHLEY, Mayor,
Chairman,
JOHN A. STITT, Alderman,
BERNARD C. McCABE, Councilman,
WILLIAM P. HAMMERSLEY,
Superintendent of Streets,
JOSEPH R. GLENNON,
Member of Board of Health,
GEORGE H. NYE, City Engineer,
Secretary.

BOARD OF APPEALS REPORT

City of New Bedford,
January 1, 1932.

To the City Council of the City of New Bedford.

Gentlemen:

In compliance with section 155 of the building regulations, the Board of Appeals respectfully submits the following report of its doings and expenses for the year 1931:

Meetings and public hearings have been held regularly on the first and third Wednesdays of each month, except in cases when there were no petitions to be acted on. Thirty cases have been considered and acted on as follows:

7 appeals for variances granted,
7 appeals for variances granted with conditions,
11 appeals for variances dismissed,
3 consents for alterations to non-conforming buildings granted,
2 appeals withdrawn.

Seventy-three cases were considered in 1926, 95 cases in 1927, 49 cases in 1928, 48 cases in 1929, 27 cases in 1930, and 30 cases in 1931, making a total of 322 cases that have been acted upon by the Board of Appeals in its six years of existence. No decision of the Board has been appealed to the court.

Twenty of these thirty petitions were for garages.

In consideration of cases we have received the wholehearted and helpful coöperation of both the building and fire inspection departments.

The expenses of the board for the fiscal year ending November 30, 1931, were as follows:

Appropriation		$2,700.00
Council transfer		313.00
		$2,387.00
Administration and clerical work	$2,273.70	
Advertising	57.68	
Annual report	15.00	
Postage	25.00	
Printing and stationery	11.00	
Photography	2.63	
Total expenses		$2,385.01
Balance		$ 1.99

Respectfully submitted,

WILLIAM RITCHIE, Chairman,
JAMES F. COLLINS,
LESTER S. CORNELL,
GEORGE T. SCHULER,
NAT C. SMITH.

ANNUAL REPORT

Planning Board and of the Board of Appeals.

IN BOARD OF ALDERMEN

March 24, 1932.

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL

March 24, 1932.

Concurred.

RUTH G. HILTON,
Clerk.

Attest:

RODOLPHUS A. SWAN,
City Clerk.

ANNUAL REPORT

OF THE

BOARD OF PUBLIC WELFARE

OF THE

CITY OF NEW BEDFORD

For The Year 1931

Members of

Board of Public Welfare
For 1931

Miner W. Wilcox, Chairman,

Mrs. Katherine H. Edwards,

Aldège Chaussé,

STAFF

CHARLES A. POIRIER,
Secretary and Almoner,

JOSEPH A. DESJARDINS,
Clerk and French Interpreter,

CHARLES A. McAVOY,
Visitor,

RAYMOND HALLIWELL,
Visitor,

SERAPHINE P. SYLVIA,
Portuguese Interpreter and Visitor,

MABELLE F. COBB,
Stenographer,

M. JOSEPHINE TALFORD,
Mothers' Aid Visitor,

LILLIAN T. SOLY,
Clerk

M. ELIZABETH DONNELLY,
Clerk

KATHERINE E. BROWN,
Superintendent and Matron of
City Infirmary,

PHYSICIANS

Dr. William Rosen

Dr. George J. Dion, Appointed Feb. 19, 1931.

Dr. Hormidas H. Leclair,

Dr. Joseph H. Gleason,

Dr. Joshua H. Weeks,

Dr. Raymond E. Senecal, Resigned Feb. 18, 1931.

CHAPLAINS AT CITY INFIRMARY

Rev. Charles A. Thurber,

Rev. Henry J. Noon.

June 20, 1932.

To His Honor, the Mayor, and to the City Government
of the City of New Bedford, Mass.

Gentlemen :—

The Board of Public Welfare hereby respectfully submit their Annual Report for the Year 1931.

Respectfully,

MINER W. WILCOX
Chairman

KATHERINE H. EDWARDS

ALDEGE CHAUSSE

CHARLES A. POIRIER
Secretary.

BOARD OF PUBLIC WELFARE

EXPENDITURES FOR FISCAL YEAR 1931—
DEC. 1, 1930 TO NOV. 30, 1931.

TEMPORARY AID

MEMBERS OF BOARD	$ 1,499.76
PHYSICIANS	4,133.04
OFFICE STAFF	15,821.57
STATIONERY & PRINTING	928.90
OFFICE EXPENSES	2,946.00
SHOES AND CLOTHING	8,571.21
MEDICINE & MEDICAL SUPPLIES	15,418.30
OTHER PHYSICIANS	60.00
OPTICAL & DENTAL	3,323.43
CITY TREASURER	137,618.10
GROCERIES	238,245.41
FUEL	16,228.37
RENT	121.00
MISCELLANEOUS	47.25
AUTOS & TRANSPORTATION	4,604.15
LOCAL HOSPITALS	67,584.58
OTHER HOSPITALS	2,982.66
BURIALS	3,225.00
BOARD OUTSIDE CITY INFIRMARY	11,379.98
STATE INSTITUTIONS	10,758.90
CITIES AND TOWNS	20,206.52
OLD AGE ASSISTANCE (CASH)	10,667.50
	$576,371.63

MOTHER'S AID

CASH	$ 44.213.00
FUEL	5,272.27
MERCHANDISE	1,548.48
MEDICINE & MEDICAL SUPPLIES	441.24
DENTAL & OPTICAL	361.25
HOSPITAL	539.17
BURIALS	139.00
GROCERIES	561.33
CITIES & TOWNS	571.99
MISCELLANEOUS	32.00
	$53,679.73

GRAND TOTAL

OUTSIDE RELIEF	$576,371.63
MOTHERS' AID	53,679.73
	$630,051.36

EXPENDITURES OF CITY INFIRMARY FOR FISCAL YEAR 1931 —DEC. 1, 1930 TO NOV. 30, 1931.

SUPERINTENDENT	$ 1,759.64
PHYSICIAN	666.72
PAY ROLLS	29,393.69
STATIONERY & PRINTING	122.15
CLERGYMEN & ORGANIST	730.00
OFFICE EXPENSE AND TELEPHONE	347.07
DRY GOODS AND CLOTHING	2,990.07
MEDICINE & MEDICAL SUPPLIES	2,544.15
MEATS & FISH	6,062.18
SHOES AND FINDINGS	511.68
GROCERIES	9,705.88
TOBACCO	1,139.77
MISCELLANEOUS SUPPLIES	624.12
SOAPS AND DISINFECTANTS	1,038.03
TRANSPORTATION	188.41
FUEL AND LIGHT	5,108.59
HARDWARE AND TOOLS	93.13
PAINTS AND OILS	394.32
LUMBER	226.96
GRAIN AND FEED	3,817.20
AUTOS, ETC. & BLACKSMITHING	1,140.49
WATER	505.49
FURNITURE & FURNISHINGS	1,917.44
REPAIRS TO BUILDINGS & FIXTURES	2,481.04
MISCELLANEOUS	927.52
	$ 74,435.74

TOTAL OF EXPENDITURES FOR 1931

OUTSIDE RELIEF (Including Old Age Cash $10667.50)	$576,371.63
MOTHER' AID	53,679.73
CITY INFIRMARY	74,435.74
	$704,487.10

RECEIPTS AND TRANSFERS DURING THE FISCAL YEAR 1931—
DEC. 1, 1930 TO NOV. 30, 1931.

From City Infirmary (Produce and Miscellaneous	$2,515.10
From Individuals	
Board at City Infirmary	904.64
Reimbursements for aid	3,374.40
From Cities and Towns	
For Temporary Aid	19,603.36
For Mothers' Aid	1,130.07
From State	
For Temporary Aid	31,699.00
For Sick Aid	4,339.58
For Mothers' Aid	16,761.49
For Burials	294.00
From Service Transfers	
Board of Health	583.31
Soldiers' Aid	1.56
Total	$81,206.51

EXPENDITURES FOR 1931

CLASSIFIED

Month	Outside Relief	Mother's Aid	City Infirmary	Totals
1930				
December	$52,313.62	$5,092.17	$7,554.52	$64,960.31
1931				
January	57,314.32	5,460.88	6,189.87	68,965.07
February	56,775.78	4,877.22	6,262.11	67,915.11
March	51,934.05	5,234.29	5,728.02	62,896.36
April	49,685.96	3,904.65	6,987.03	60,577.64
May	44,162.12	4,257.46	5,730.02	54,149.60
June	43,652.31	4,196.85	5,771.27	53,620.43
July	42,476.58	4,373.85	5,614.96	52,465.39
August	40,534.54	4,613.97	6,700.99	51,849.50
September	43,195.42	3,888.96	5,739.97	52,824.35
October	46,126.97	3,913.46	5,549.64	55,590.07
November	48,199.96	3,865.97	6,607.34	58,673.27
	$576,371.63	$53,679.73	$74,435.74	$704,487.10

HOSPITAL CASES—1931

Bed Cases:			
New Bedford Cases,			
Adults,	636		
Children,	221	857	
Cities and Towns,			
Adults,	21		
Children,	15	36	
State Cases,			
Adults,	77		
Children,	38	115	1008
Clinic Cases:			
New Bedford Cases,			
Adults,	360		
Children,	327	687	
Cities and Towns.			
Adults,	11		
Children,	17	28	715
Total Cases			1723

REPORT OF PHYSICIANS TO THE BOARD OF PUBLIC WELFARE FOR 1931.

	House Visits	Office Calls	City Infirmary	Births	Deaths
Dr. William Rosen	1338	810	0	1	1
Dr. H. H. Leclair	18	741	0	0	0
Dr. Jos. H. Gleason	294	326	314	2	26
Dr. Joshua H. Weeks	959	677	1	8	11
xDr. Raymond Senecal	423	207	0	3	0
xDr. George J. Dion	1196	2147	0	32	8
xDr. Ernesto Balla	22	4	0	0	0
	4250	4912	315	46	46

xDr. Senecal Resigned Feb. 1931
xDr. Dion appointed Feb. 1931
xDr. Balla, temporary physician

BURIALS AT EXPENSES OF BOARD OF PUBLIC WELFARE 1931

New Bedford Cases	95
No Settlements	13
Settled in Cities & Towns	2
Total of Burials allowed	110

HISTORIES PROCURED AND SETTLEMENTS DETERMINED FOR BOARD OF HEALTH, 175

1931—Number of Persons taken to State Institutions, 36

1931—Number of Notices Received from other Cities & Towns, 376

1931—Amount of Money paid to other Cities & Towns.

Temporary Aid Cases	$20,206.52
Mothers' Aid Cases	571.99
	$20,777.51

CHILDREN AIDED BY BOARD OF PUBLIC WELFARE AS WARDS 1931.

	Public Cases	Welfare Persons
State Cases with Relatives	4	8
St. Mary's Home	14	33
Massachusetts Hospital School	3	3
New Bedford Cases with Relatives	58	89
In care of Division of Child Guardianship	23	27
House of Angel Guardian	4	7
New Bedford Children's Aid Society	6	14
Hospital Cottages (Baldwinsville)	1	1
	113	182

OLD AGE ASSISTANCE

APPLICATIONS RECEIVED FROM JULY 1, 1931 — 583

Persons Aided	350
Persons Not Aided	164
Pending Nov. 30, 1931	69
Expenditures for October & November 1931 (cash)	$10,667.50

STATISTICS OF CASES AIDED DURING 1931

Temporary Aid	Cases	Persons
New Bedford Cases	2,572	8,269
State Cases	449	2,056
Cities and Towns	118	412
	3,139	10,737
Hospital Cases		
Bed Cases	1,008	1,008
Clinic Cases	715	715
Mothers' Aid Cases	81	397
Burials	110	110
Persons Transported	36	36
City Infirmary Cases	398	398
Old Age Assistance	350	350
	5,837	13,751

MOTHERS' AID

The table of statistics concerning Mothers' Aid cases follows:

81 cases were aided
75 were New Bedford cases
1 Acushnet case
3 State cases
1 Dartmouth case
1 Boston case
12 new cases were taken on
12 new cases were closed
397 persons were aided

Of the cases aided 74 were widows, 6 whose husbands had deserted families, 1 whose husband was in an institution.

Of the cases closed, 4 became self-supporting, 4 failed to comply with the law. 1 whose husband returned to his family, 1 moved out of town and 2 died.

MOTHERS' AID EXPENDITURES 1931

December 1, 1930 to November 30, 1931.

CASH	44,213.00
FUEL	5,272 27
MERCHANDISE	1,548.48
MEDICINE	441.24
DENTAL & OPTICAL	361.25
HOSPITAL	539.17
BURIALS	139.00
GROCERIES	561.33
CITIES AND TOWNS	571.99
MISCELLANEOUS	32.00
	$53,679.73

Reimbursement from State	$16,761.49
Reimbursement from Cities & Towns	1,130.07

CITY INFIRMARY REPORT

For Year Ending November 30, 1931.

Month	Admitted	Discharged	Remaining
Dec. 1930	16	7	247
Jan. 1931	15	11	251
Feb. 1931	20	24	249
Mar. 1931	9	12	244
Apr. 1931	8	11	241
May 1931	15	8	248
June 1931	10	10	248
July 1931	18	11	255
Aug. 1931	9	10	254
Sep. 1931	12	7	259
Oct. 1931	14	11	262
Nov. 1931	14	15	261

Number of inmates remaining Dec. 1, 1930,	238
Number of inmates admitted during the year	160
Total number	398
Number of deaths	26
Number discharged	137
Number remaining Nov. 30, 1931	261
Average number of inmates monthly	252
Weekly cost of each inmate	$5.45
Total expense	$74,435.74

CITY INFIRMARY PRODUCTS 1931

(Estimate)

Hay	80 tons at $18.00	$1440.00
Silo corn	47 tons at 10.00	470.00
Sweet Corn	2082 doz. at .15	312.30
Beans	55 bus. at 3.00	165.00
Lettuce	66 doz. heads .30	19.80
Cucumbers	36 bus. at 1.00	36.00
Musk melons	1640 bus. at .02	32.80
Peas	24 bus. at 1.50	36.00
Spinach	62 bus. at .50	31.00
String beans	15 bus. at 1.00	15.00
Turnips	125 bus. at .50	62.50
Radishes	200 doz. bun. .24	48.00
Onions	20 bus. at 1.00	20.00
Tomatoes	42 bus. at .50	21.00
Potatoes	1385 bus. at .60	831.00
Cabbage	4440 heads at .05	222.00
Celery	2800 Plants at .05	140.00
Squash	10 tons at 20.00	200.00
Green Rye	10 tons at 10.00	100.00
Table Beets	30 bus. at 1.00	30.00
Carrots	115 bus. at .50	57.50
Rareripes	650 doz. bun. .15	97.50
Red peppers	3 doz. at .30	.90
Grain corn	125 doz. at 1.00	125.00
Corn stalks	10 tons at 3.00	30.00
Eggs for 12 months	4661 doz. at .40	1864.40
Milk	92594¼	4629.70
		$11037.40

RECEIPTS

Sale of Produce and Stock	$2,515.10
Board of Sundry Person	904.64
	$3,419.74

Estimated value of products consumed at City Infirmary $8,522.30

Annual Report

OF THE

SCHOOL COMMITTEE

AND

SUPERINTENDENT OF SCHOOLS

OF THE

CITY OF NEW BEDFORD

For the Year

1931

CHAS. J. LINCOLN, PRINTER
NEW BEDFORD, MASS,
1932

SCHOOL COMMITTEE

1932

CHARLES S. ASHLEY, Mayor, Chairman, ex-officio

CHARLES T. BONNEY, Vice-Chairman

ALLEN P. KEITH, Superintendent and Secretary

TERM EXPIRES 1933

Name	Residence	Place of Business
Dr. Frank Birtwistle	34 Rotch St.	607 First Nat. Bank Bldg.
Charles T. Bonney	241 Reed St.	241 Reed St.
Frank Vera	300 Pleasant St.	261 Union St.

TERM EXPIRES 1935

Joseph Eccleston	9 Jenny Lind St.	Union St. Railway Co.
Eugene F. Phelan	80 Washington St.	Imperial Clothing Co.
Maude Sumner	2112 Acushnet Ave.	

IN SCHOOL COMMITTEE

DECEMBER 29, 1931.

Voted, That the Secretary be directed to prepare and edit the Annual Report of the School Committee for the year 1931 and that one thousand copies of the same be printed, the report to be as brief as it can possibly be made.

The following report for the year 1931 is respectfully submitted;

Report of the School Committee

STATISTICS

POPULATION AND VALUATION

The population of the city (census of 1890) was	40,705
The population of the city (census of 1895) was	55,251
The population of the city (census of 1900) was	62,442
The population of the city (census of 1905) was	74,321
The population of the city (census of 1910) was	96,652
The population of the city (census of 1915) was	109,462
The population of the city (census of 1920) was	121,217
The population of the city (census of 1925) was	119,539
The population of the city (census of 1930) was	112,804
Valuation of the taxable property (1931) was	$151,256,150.00
School houses and lots	7,585,150.00
Hathaway Playground	19,275.00
Other school property	561,380.90

APPROPRIATION

Rate of taxation (per $1,000.00)	$34.00
Amount for general school purposes not including new buildings	$1,674,000.00

SCHOOL CENSUS

Number of children between five and sixteen years of age, and illiterates (not having completed Grade 6A between sixteen and twenty-one years of age, reported by the Attendance Department in accordance with the census record taken October 1, 1931:

Between 5 and 7 years	3,556
Between 7 and 14 years	15,236
Between 14 and 16 years	3,828
Between 16 and 21 years	335

SCHOOL ORGANIZATION, July 1, 1931

High School	1
Junior High Schools	2
Grammar schools	6
Mixed schools—Grammar, Primary and Ungraded	9
Primary schools	17
Suburban schools	2
Continuation schools	3
Fresh Air classes	2
Hospital classes	2
Conservation of Eyesight classes	2
Class for the Deaf	1
Cooking rooms	1
Manual Training rooms	1
Special Classes for Mentally Retarded	9
Kindergartens	16
Workshop Classes	4

SCHOOL BUILDINGS, JULY 1, 1931

Administration building	1
Permanent schoolhouses	39
Portable schoolhouses	19
Frame buildings	2
Unoccupied	1

PUBLIC SCHOOLS

	1930	1931		
Enrollment of pupils	18,103	18,276	increase	173*
Average membership	19,950	17,246	increase	296
Average daily attendance	16,226	16,329	increase	103
Aggregate attendance	3,076,185	3,089,638	increase	13,453

PRIVATE AND PAROCHIAL SCHOOLS

	1930	1931		
Enrollment of pupils	5,909	5,918	increase	9*
Average membership	5,707	5,714	increase	7
Average daily attendance	5,426	5,403	decrease	23
Aggregate attendance	992,958	990,786	decrease	2,172

*Not including pupils enrolled elsewhere in the State during the school year.

PUBLIC, PRIVATE AND PAROCHIAL SCHOOLS

	1930	1931		
Enrollment of pupils	24,012	24,194	increase	182*
Average membership	22,657	22,960	increase	303
Average daily attendance	21,652	21,732	increase	80
Aggregate attendance	4,069,143	4,080,424	increase	11,281

*Not including pupils enrolled elsewhere in the State during the school year.

Rates of tuition for non-resident pupils for school year, September 9, 1931, to June 24, 1932, same to be paid quarterly in advance:

High School	$150.00
Junior High Schools	125.00
Elementary Schools	90.00

The cost of instruction per scholar is based on the average number belonging and the total amount expended for the maintenance of each department, not including the expenditures from the Sylvia Ann Howland, Paisler or Bourne Prize Funds.

High school	$107.30	plus
Junior High schools	94.55	"
Elementary schools	71.24	"
Evening Elementary schools	9.50	"
Evening High school	8.80	"
Day school	78.35	"
Americanization classes	4.70	"
Continuation school	21.11	"

DEPARTMENT OF PUBLIC SCHOOLS

For the year beginning Sept. 2, 1930, ending June 19, 1931.

	Total Membership	Average Membership	Average Daily Attendance	Aggregate Attendance
High,	2,166	1,878	1,815	344,227
Junior High,	2,908	2,356	2,256	424,727
Elementary,	16,343	13,012	12,258	2,320,684
Evening Schools:				
High,	1,402	719	612	36,714
Elementary	717	553	476	18,994
Americanization Dept.				
Evening Schools—	1,005	641	511	20,397
Mills, Clubs, Homes, and other centers—	1,875	1,536	1,344	64,957

CONTINUATION SCHOOLS

Total Membership	Enrolled	Average Membership	Average Attendance	Aggregate Attendance (4 hr. days)	Total Make-up (4 hr. days)
1,978	1,344	1,119	1,029	38,916	1,570.5

EMPLOYEES IN SERVICE JANUARY 1, 1932.

	Superintendent	Asst.	Clerks	Others	Total
Headquarters	1	1	8	6	16

	Principals	Assts.	Clerks	Others	Totals
High School	1	69	2	4	76
Junior High Schools	2	92	2		96
Elementary Schools	24	409			433
Continuation Schools	3	21	2		26
	30	591	6	4	631

	Supervisors	Assts.	Others	Totals
Americanization	1	4		5
Attendance	1	3		4
Boys' Club	1(*)	1(*)		(2*)
Cooking		1		1
Elementary Schools	1			1
Health and Hygiene	1	1(*)		2(1*)
Household Arts, Junior Highs	1(*)			(1*)
Kindergartens	1			1
Industrial Arts	1	1		2
Music	2	3	1(*)	6(1*)
Nurses	1	8		9
Physical Education	2	3		5
Practical Arts	1	2		3
Sewing		2		2
Special Classes	1	1		2
	15(2*)	30(2*)	1(*)	46(5*)

	Custodians	Asst. and Cleaners	Engineers and Firemen	Totals
High School	1	7	5	13
Junior High Schools	2	12		14
Elementary Schools	35	11		46
Continuation School	1			1
Spare Men	3			3
Retired	4			4
	46	30	5	81

Total number of employees 774(6*)

*Part-time.

RECEIPTS AND EXPENDITURES

Money Raised by Taxation

1931

SUMMARY

Total Appropriations	$1,674,000.00
Refunded Sept. 1931	81,000.00
Net appropriations available	$1,593,000.00
Total Expenditures	1,581,700.00*
Balances unexpended	$11,300.00

RECEIPTS

NET APPROPRIATIONS FROM CITY COUNCIL

Teachers' Salaries—	$1,225,815.19
Incidentals—	280,300.00
Repairs—	25,200.00
Continuation Schools—	61,684.81
	$1,593,000.00

NET EXPENDITURES — 1931

Total Expenditures	$1,581,700.00
Turned into Unappropriated Funds (See Pg. 10)	191,555.08
Net cost to City	$1,390,144.92

*Not including Smith-Hughes Fund.

EXPENDITURES — MONEY RAISED BY TAXATION

For Teachers' Salaries:		
Day Schools	$1,193,368.84	
Evening schools and Americanization	28,535.64	
		$1,221,904.48

For Incidentals:		
Salaries: Superintendent and Secretary, Assistant Superintendent, Inspector School Property, Department Mechanics, Clerks, Attendance Officers, Nurses, Custodians and Miscellaneous Service	$180,277.14	
Books and supplies	22,890.93	
Custodians' supplies	3,753.81	
High School engine room supplies	273.90	
Science supplies	582.35	
Sewing	30.79	
Physical Education	45.52	
Health and Hygiene	254.28	
Typewriters	794.50	
Fuel	38,603.72	
Lighting	5,804.85	
Water	5,324.36	
Printing and advertising	1,494.42	
Freight, express and carting	347.36	
Transportation	4,005.37	
Cooking	165.58	
Shop work	2,324.94	
Bristol County Training school	242.86	
Office expenses	132.86	
Furniture	1,260.51	
Telephones	2,809.24	
Miscellaneous expenses	718.49	
Workshop Classes	604.57	
Automobiles	1,544.20	
		$274,286.55
For Continuation Schools:		
Salaries: Directors, Teachers, Clerks and Custodians	$62,728.02*	
Equipment and maintenance	4,666.35	
		$67,394.37
For Repairs of Buildings		$23,824.16
		$1,587,409.56

*Includes $5,709.56 income from the Smith-Hughes Fund.

RECEIPTS FROM OTHER SOURCES PAID TO CITY TREASURER

For tuition non-resident pupils	$12,598.38	
For tuition State Charity pupils	820.62	
For tuition, City of Boston pupils	243.60	
For sales of books and supplies, junk, etc.	298.56	
For sales of Junior High School products	43.75	
For sales of Workshop class products	73.43	
For sales of Special class products	31.56	
Reimbursement from Mass. Commission for the Blind	1,000.00	
Reimbursement for Americanization classes	9,819.90	
Reimbursement for Teachers' Salaries	124,787.20	
Reimbursement for Class for the Deaf	1,220.81	
Reimbursement for Continuation Schools:		
State	30,873.98	
Smith-Hughes Fund	5,709.56	
Sale of Products	530.39	
Tuition	3,503.34	
		$191,555.08

INCOME FROM TRUST FUNDS, FOR 1931

S. A. Howland Educational Fund	$2,170.88	
Jonathan Bourne Prize Fund	60.00	
C. S. Paisler Fund	803.16	
		$3,034.04

1931

SYLVIA ANN HOWLAND EDUCATIONAL FUND

Balance of income on hand, Dec. 1, 1930	$2,557.17	
Income during year	2,170.88	
		$4,728.05
Expenditures for the year		1,869.92
Balance, Dec. 1, 1931		$2,858.13

1931

JONATHAN BOURNE PRIZE FUND

Balance of income on hand, Dec. 1, 1930		
Income during year	$60.00	
		$60.00
Expenditures for prizes		60.00

1931

C. S. PAISLER FUND

Balance, Dec. 1, 1930	$1,158.01	
Income during year	803.16	
		$1,961.17
Expenditures for the year		1,180.82
Balance, Dec. 1, 1931		$780.35

RECEIPTS AND EXPENDITURES

CONTINUATION SCHOOL

Net appropriation 1931	$61,684.81	
Smith-Hughes Fund	5,709.56	
		$67,394.37
Total expenditures		67,394.37

DETAIL OF EXPENDITURES

Salaries	$62,728.02	
Books and supplies	1,434.09	
Custodians' supplies	55.06	
Tuition	31.00	
Equipment, Replacement and Repair of Equipment	640.78	
Fuel	1,306.75	
Light and Water	561.63	
Transportation	435.25	
Telephones	191.41	
Miscellaneous	10.38	
		$67,394.37
Reimbursement:		
State	$30,873.98	
Smith-Hughes Fund	5,709.56	
Tuition	3,503.34	
Sale of Products	530.39	
		$40,617.27
Total Expenditures		$67,394.37
Receipts		40,617.27
Net cost to City		$26,777.10

TEXT BOOKS, STATIONERY AND CUSTODIANS' SUPPLIES

STATEMENT FOR 1931

Dr.

	Purchased in 1931	Stock Dec. 1, 1930	TOTALS	
Books	$12,117.73	$7,488.76	$19,606.49	
Stationery Supplies	10,773.20	3,702.20	14,475.40	
Custodians' Supplies	3,753.81	1,376.84	5,130.65	
	$26,644.74	$12,567.80	$39,212.54	

Cr.

	Charged to Schools	Stock Dec. 1, 1931	Cash Receipts, 1931	TOTALS
Books	$14,857.72	$4,662.73	$86.04	$19,606.49
Stationery Supplies	11,544.27	2,903.69	27.44	14,475.40
Custodians' Supplies	4,509.88	603.37	17.40	5,130.65
	$30,911.87	$8,169.79	$130.88	$39,212.54

The average cost per pupil in the different departments of the schools, for text books and supplies, has been as follows:

High School	$4.37 plus
Junior High Schools	3.60 "
Elementary schools	1.26 "
Average for day schools	1.92 "
Average for Evening Elementary schools	.15 "
Average for Evening High School	.17 "
Average for Americanization	.01 "

Following are the names of teachers and other employees who have left the service or who have been appointed to the department during the year 1931:

RETIRED

Caroline E. W. Parker
Etta M. A. Smead
Harriet J. Thorpe
Lena M. Willis

RESIGNED

Ruth S. Bliss
Jessie L. Bolton
M. Madelyn Brennan
Dorothy H. Bridgham
Eugene P. Dupin
Mina B. Eaton
Laura M. Fernandes
Margaret Fernandes
Anna E. Flynn
Hilda B. Harrington
S. Elsie Hayes
Amy M. Hathaway
Alberta L. Jongleux
James C. Kevlin
Esther M. Kiernan
Francis J. McDonnell
Flora E. Neves
Florence M. Norlander
Mary H. Onley
Edna W. Simmons
Justin A. Sullivan
William R. Waring
Sylvia A. Wilson

APPOINTMENTS

Roger J. Angino
Olive P. Chase

Report ot Superintendent

To the Honorable School Committee:

Miss Sumner and Gentlemen:—

I have the honor to submit the seventy-first annual report of the Superintendent of Schools of this city.

A living program of education which will meet the needs of intelligent membership in a democracy was never more needed than it is at the present time when questions of great importance must be successfully solved.

The whole world being economically upset the public schools, of course, must do their full part in retrenching and must cooperate in making such adjustments as the times demand. Our department has been meeting this crisis by gradually reducing its working force in all departments and by practicing strict economy in all its purchases. During the past four years we have had one hundred four resignations and retirements of teachers and have elected fifty-four, a reduction of fifty in our teaching corps. Classes have been enlarged and work has been redistributed. We propose to continue this plan during the coming year.

It would be foolish to claim that the foregoing plan does not affect the efficiency of the classroom results but the excellent spirit of our teachers in attacking this additional work has kept the loss in efficiency at the minimum. Large classes in the senior and junior high schools have taxed our facilities to the limit and in the former building we are so crowded for room and for time that the interests of the pupils are bound to suffer.

Some among us claim that these large classes will disappear with the return to normalcy. Labor and other agencies are working for an increase in the school age, industry is not employing children on the old basis and, from all the facts available, the outlook is for more rather than less pupils in our secondary schools. As many of this increasing number of pupils are not academically minded we will have to offer practical courses to meet their needs and this type of education is much more expensive.

This increased expense which will mean increased appropriations should be kept in mind when considering an increased school age.

Music, art, and health education have become as fundamental as any part of the curriculum and cannot be lightly cast aside as "fads and frills". That our citizens believe in instrumental music is proven by the fact that they have purchased, since September first, musical instruments of the wholesale value of fifteen hundred dollars. Three teachers employed in these departments have resigned and not been replaced.

The interests of our children must be kept in mind at all times and the morale of the whole department preserved. I am glad that I was born an optimist as this spirit has given me the courage to face the future firm in the conviction that better things are ahead of us and that public education will emerge from this crisis more firmly intrenched in the minds of our citizens than ever before.

Character education is being emphasized in the educational world as never before. Obedience to law, truth between neighbors, dealing justly, loving mercy, and walking humbly before God and man is being taught by church and school and we are sure that the exercise of these qualities by every one would soon end this world depression. Lecturing and reading stories about these fine attributes, however, will not get us very far. When business is conducted along the above lines, when society and the home life practice instead of preach about them then, and then only, may we hope to approach the ideal. We as teachers must live the right life and have the strong support of business and the home if we are to make the right contact with the boys and girls who are all too soon to take our places. Character education, yes, but through example not by precept.

Through the courtesy of the local radio broadcasting station, WNBH, we have had the privilege of presenting some phase of our work each Thursday evening from six-fifteen to six-thirty o'clock. We have been pleased with the comments which have come to us as a result of these radio talks and are sure that our patrons have a much better idea of just what we are attempting and how we are going about it. This program will be continued through April fourteen. Throughout the programs urgent invitations have been given to all to visit us at our work and if parents only knew what such an interest meant to their children our list of visitors would be greatly multiplied.

Our thanks are due to our Police for milk and soup so generously furnished for our kindergarten children and pupils of our fresh air classes during the year. Also to the many agencies and individuals who have assisted us in aiding many worthy children over difficult situations.

I cannot close this report without mentioning the excellent morale of our whole department. Generous in their support of all our plans, contributing gladly to aid worthy pupils, and taking an active part in all undertakings for the good of the community, they have proven themselves worthy of their high calling. I am glad to acknowledge my personal appreciation of such support.

The support of the School Committee has been a constant stimulus to our best efforts. I trust that this team work throughout the personnel of the department may continue to merit and receive the support of our citizens.

Respectfully submitted,

ALLEN P. KEITH.

Report of the Assistant Superintendent of Schools

Mr. Allen P. Keith,
Superintendent of Schools.

Dear Sir:

In compliance with your request I herewith submit a brief report for the year ending December 31, 1931.

Present conditions have tended to bring about increased numbers in the upper grades of the regular schools; since fewer pupils are leaving school to go to work, a decreased continuation school enrollment has resulted.

The number of different classes in the junior high schools has reached its maximum so that, in order to meet the problem of increased enrollment, it has been necessary to increase the number of pupils in a class.

In the continuation school the teaching corps has been reduced by three full time teachers and one part time teacher.

When junior high schools were opened it was planned to provide special classes for pupils with special problems. The number of pupils enrolled has made this provision impossible and the continuation school has aided in this respect by taking pupils whose educational welfare would be served by such a transfer.

Grades seven to twelve participated in a nation-wide study of English usage during the past year or more. It is interesting to note the following scores;

Tests given in November, 1930

Grades	7	8	9	10	11	12
Grade Norms—Nation	28	36	43	50	57	62
" " New Bedford	30.7	40.1	45.4	62	66.4	67.3

Tests given in April, 1930

Grades	7	8	9	10	11	12
Grade Norms—Nation	28	37	43	48	51	57
" " New Bedford	36.3	42.6	48.2	55.4	56.8	58.9

While we do not make great claims for these results it is interesting to note that in every grade in both tests New Bedford's average surpassed that of the nation. The most valuable feature of these tests lies in the remedial work which immediately followed the discovery of weaknesses.

We believe most thoroughly that a school is no stronger than its teachers. The teacher is the most important factor in the school. Recently the regulations governing the eligibility of teachers were revised.

Under these regulations a teacher, eligible to teach in junior high school, becomes eligible to teach in the senior high school when he completes two years of successful teaching in the junior high school. This provides an opportunity for promotion for the deserving teacher and enables the senior high school to secure the services of excellent junior high teachers.

The situation between the elementary and junior high school teachers is not the same. A teacher, eligible to teach in the elementary schools, becomes eligible to teach in the junior high school only after securing a year's additional training.

It seems important to suggest to outstanding elementary school teachers, who give promise of making excellent junior high teachers, that they secure the required training. If the junior high school must look elsewhere to secure teachers of required training, successful teaching experience is paramount in importance and the requiremnt of at least one year should be strictly enforced if our boys and girls are to have the best.

The enrollment in continuation schools December 18, 1931 was 651: 546 pupils were working and 105 were unemployed. In addition to these numbers there were 25 boys and 11 girls in a special unemployment group.

It became necessary to make some changes in the commercial work of the continuation school during the past year. This course was formerly rated as an industrial course. At present it is a general improvement course and is labelled junior business. Mention should be made of the splendid spirit of co-operation shown by those teachers who have had to make those adjustments and secure special training for the work in hand.

Few years have brought the problems which have confronted the schools during the past year. Depression makes itself felt in the lives of our boys and girls and this effect is reflected in the school life of our pupils.

It then becomes the task of the teacher to materially aid the body, build up the spirit and keep the mind contented while she endeavors to pursue the regular school program.

It is impossible to measure what the teachers have done in this respect, but it is equally impossible for one to visit these buildings during the past year and fail to notice the remarkable work that has been done. While one does not welcome adversity, when adversity comes it brings out true values in individuals, and the City of New Bedofrd has much to be thankful for in the personnel of its teaching corps.

In my opinion this is the outstanding feature of the year: that our teachers have carried on the school program so efficiently in the face of depression's many burdens. Your sympathetic leadership has been a very important factor in this accomplishment.

Respectfully submitted,

EDWARD T. N. SADLER.

Report of the Supervisor of Elementary Grades

Mr. Allen P. Keith,
Superintendent of Schools.

Dear Sir:

In compliance with your request I herewith present the annual report of the Supervisor of Elementary Grades for the year ending December 31, 1931.

The education of the child has come to be a very complex process and we must recognize the numerous educational problems to be studied if we are to use the best methods of teaching.

The very thorough and comprehensive study of reading systems made by teachers and principals resulted last June in a recommendation for a change in the system of reading. In September, 1931 all of the children in the 1B classes began their elementary school life with a new approach to reading. During the period preceding this report, less than four months of school time, some children have learned to read with an ease and comprehension almost unbelievable, when we stop to consider that many teachers and principals are experiencing the initial trial this term. A reading expert of wide experience who visited the first grades last September was much impressed by the excellent spirit of the teachers and the earnestness with which they were studying the reading situation. It is this spirit which is helping to solve the problems which are bound to arise when making a decided change in any method of teaching the child.

From the very beginning the child is taught not merely to say the word or the phrase but to get the thought—to see the picture or think the meaning as he reads the symbols which stand for meanings. This change in emphasis calls for definite habits of study which have practically eliminated the finger pointing at each separate word and the exaggerated lip movement.

In the 1B classes this term the children have done some splendid work in silent reading. "Silent reading supplies effective individual practice when used for giving directions for work or play, because in such silent reading each pupil must interpret the printed directions independently; the pupil's responses to such directions indicate objectively whether or not his interpretation is correct." The value of the child's independent silent reading at the library table is almost wholly dependent on the check the teacher is able to make as to what the child is gaining from the reading he is doing independently. The value of this type of reading is being more and more appreciated by the teachers all through the primary grades.

Let me quote from a third grade teacher who realizes the value of this type of reading. "One of the most important tasks concerning the extra reading done by the children in the lower grades is to find some means of checking results which will not prove too irksome to the pupils and yet stimulate their interest." Book reviews based on an outline furnished by the teacher are used by pupils in this room as one means of checking their reading.

In oral reading, stress has been laid on the importance of correct enunciation and articulation. Thoroughness is considered just as important in the new reading but there is a change of emphasis on the habits formed. Training in how to use reading for study purposes has displaced some of the meaningless reading exercises which were no more than calling upon pupil after pupil to stand and name words in a reader.

There will always be some children who enter the first grade before they are ready to learn to read. Whatever system of reading is used, these children will need more training to widen their experiences; to increase their vocabulary, for children who are beginning reading should have all or nearly all of the words they are to meet in their reading, already in their speaking vocabulary; and they need training to stimulate their interest in learning to read. Teachers and principals are endeavoring to provide an environment where these children will not be forced to try to read until they are mentally ready. Their development is slow, but their growth in power to read is assured by this training and they do not experience the feeling of discouragement and failure.

Surveys in English Usage made in the sixth grade have proved valuable and stimulating to both teachers and pupils. In November 1930 in Grades 6B the average score for the nation was 20 and for New Bedford 21.6. In April, 1931 in Grade 6A the average score for the nation was 43 and for New Bedford 43.25. This survey was of particular value, not only in indicating the general weaknesses in English Usage throughout the sixth grades in the city, but also revealed the exact problems of each class and of each individual pupil. The results obtained from this survey have shown a need, in some cases, of definite individualized drill, and forms a sound basis for profitable remedial work in English Usage. Teachers in a modern school must be interested not only in the teaching of subject matter but also in pupil growth. Teaching methods must not only be the best that can be devised, but the teacher must know how to discover the difficulties of the individual pupils, and she must have remedies and materials which will aid in correcting these difficulties.

The workshop classes are completing their fifth year and have become a vital part of the elementary school system. A study of the average age and percent of retardation of the boys and girls in the upper intermediate grades since the classes opened, lead us to believe that the workshop classes have been a contributing factor in lowering the average age and lessening the percent of retardation in these grades, as shown by the reports of 1927, the year the classes opened, and of 1931, after four years of operation.

AVERAGE AGES FOR YEARS 1927 and 1931

	4A	5B	5A	6B	6A
1927	11—	11—8	12—	12—10	13—1
1931	10—8	10—11	11—10	12—6	12—10

PERCENT OF NON-PROMOTIONS FOR 1927 and 1931

	4A	5B	5A	6B	6A
1927	11.	14.	9.4	13.1	7.4
1931	6.6	9.6	5.9	6.6	6.8

There are still some parents who feel that a child is always better adjusted in the grades than he could be in a workshop class. Candidates for the workshop classes are studied carefully by the teacher, principal, and supervisor before they are selected, and only children who are accumulating unfortunate mental attitudes and mental habits which have tended to produce failure are recommended for transfer to the workshop classes. These classes are so organized that the child can be helped to acquire attitudes and habits which will lead to successful effort. In all cases, the best welfare of the child is the only point considered.

Visitors to the workshop classes during the past year have been greatly interested in the methods used by the teachers of these classes to furnish subject matter suited to the individual needs of the child and have marveled at the amount of well organized material which has been provided in meeting this problem.

The large amount of unemployment in the community during the past year has imposed on the schools a greater responsibility than they have ever been called upon to assume. Many of the children now think of the school, not only as a place where they may come to learn, but as a place where they come to escape the depressing atmosphere of the home.

Teachers of character and intelligence were never more needed than now and the citizens of New Bedford should be proud of the courage and intelligence with which the teachers are meeting the challenge of these greater responsibilities.

The test of the elementary schools is not so much what we teach the children in the form of subject matter as it is what we of maturer minds and riper experience can bring to them that will arouse in them the desire to develop the right habits and accept the better attitudes toward life.

To you, we are grateful for the leadership which has encouraged a cooperative spirit in the schools and given us the courage to meet successfully the unusual problems of the past year arising from the discouraging influence of the community.

Respectfully submitted,

ELLEN C. SWEENEY.

ANNUAL REPORT

OF THE

SUPERINTENDENT OF STREETS

OF THE

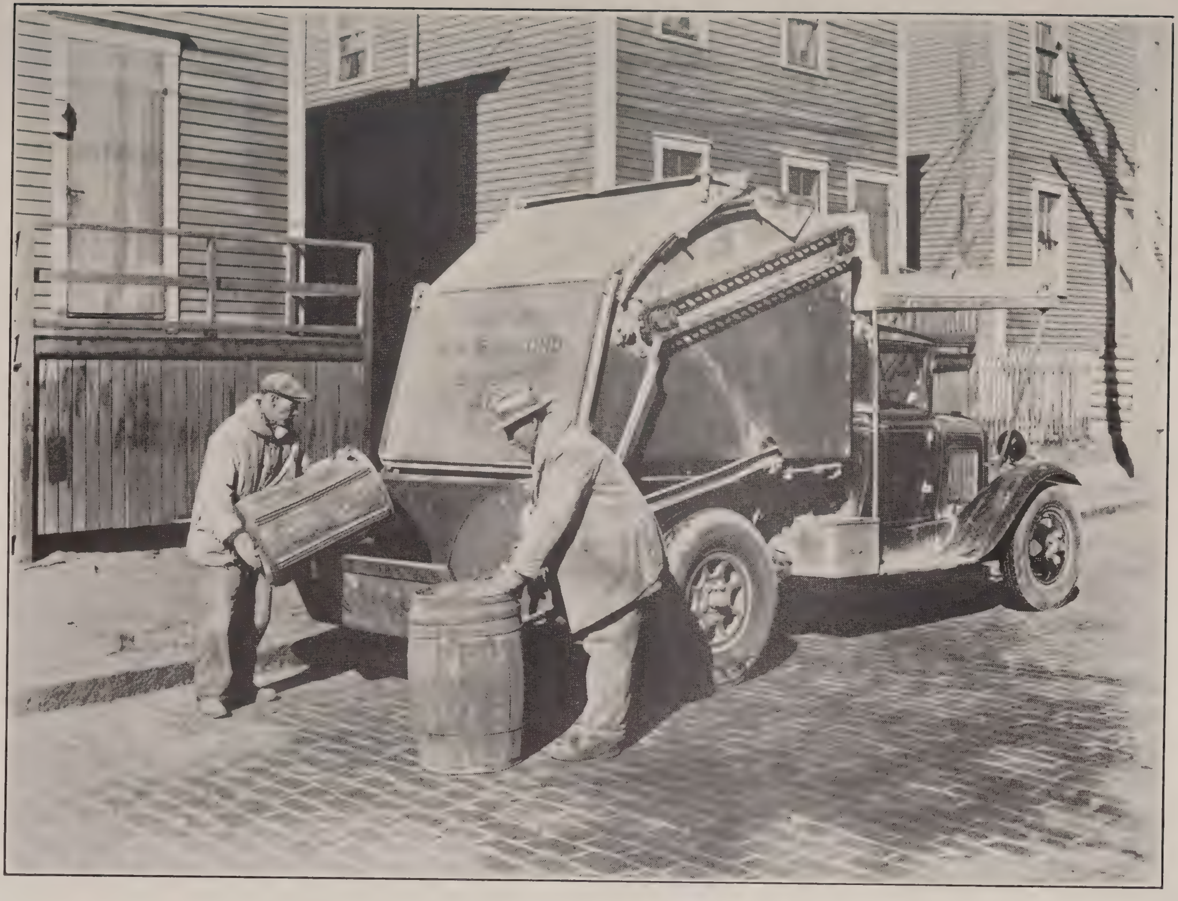
CITY OF NEW BEDFORD, MASS.

TO THE

CITY COUNCIL

FOR THE YEAR ENDED NOV. 30, 1931

THE A. E. COFFIN PRESS—PRINTERS
NEW BEDFORD, MASS.
1932



NEW TYPE TRUCK FOR COLLECTING ASHES

Report of the Superintendent

February 24, 1932.

To the Honorable The City Council,
New Bedford, Mass.

Gentlemen:—

In compliance with Section 478 of the City Ordinances, I herewith submit my annual report of the work of the Street Department for the year ended November 30, 1931.

Appropriations, expenditures and balances are tabulated and such other information as may be of interest is included.

NEW CONSTRUCTION

No appropriation was made for new construction, but the balance of $17,149.96 carried over from 1930 in the Highway Improvement Account was expended for granolithic sidewalks and grading.

SEWERS

No sewer construction was ordered.

About $3,000 was expended for the construction of new catch basins, manholes, eyeholes and inlets.

ASHES AND RUBBISH

The cost of collecting ashes and incombustible rubbish for the year was a little over $4,000 less than in the previous year, due to the reduction in wages and the installation of a new collection unit which was purchased early in the year.

This unit consists of an enclosed body on which is hung a trough or bucket of four barrels capacity into which the ashes are dumped and which when filled is mechanically raised and emptied into the body through a trap door in the top, thus doing away with all dust, scattering of papers and rubbish, etc.

When in the loading position this trough is about waist high and overcomes the danger of injury to the men from the high lift necessary when using the ordinary trucks or carts. The body is mounted on a Ford Truck chassis.

Due to the easy loading and speed, the cost of collecting with this unit, including proper charges for interest and depreciation, is approximately 25% less than with teams and 50% less than with trucks. I recommend the purchase of additional units as soon as possible to supplant teams now being used.

STREET CLEANING

A reduction of about $23,000 was effected in the cost of street cleaning for the year. About $14,000 of this saving was due to the elimination of the customary semi-annual hand cleaning of gutters and the balance to curtailment of machine cleaning and the reduction in wages.

Admittedly, the streets were not kept as clean as we should have liked to have them, but curtailment was a matter of necessity rather than of desire.

GRAVEL AND CINDER SIDEWALKS

As a further measure of economy, about $19,000 less was spent for the building and maintaining of gravel and cinder sidewalks than in the preceding year.

SIGNS

$9,400 less was expended for street and traffic signs and the painting of traffic lines.

SNOW REMOVAL

Snow plowing and removal cost about $7,500 less than in 1930 due to the reduction in wages and less snow to handle.

ACCIDENTS

I call your attention to the large sum expended for compensation and medical attendance to injured employees. This expense is in large measure due to Civil Service Rules requiring us to employ the older men, when there is work, who are more susceptible to injury than the younger and more vigorous men on our roster.

Respectfully submitted,

W. P. HAMMERSLEY,
Superintendent.

NEW BEDFORD—1931

GENERAL STATISTICS

Population, assessors estimate 111,539.
Valuation, assessors estimate $151,256,160.
Area, about 19.40 square miles.
Accepted streets, 212.76 miles.

Bridges:

Fairhaven Bridge, 9/10 mile long and 70 ft. wide maintained by the Commonwealth of Massachusetts since June 27, 1930.

Coggeshall St., ¾ maintained by New Bedford.

Slocum St., ½ maintained by New Bedford.

Pavements:

Note: In the following list the area is the total of that kind of pavement on all streets but the length is the length of streets where that material is the principal pavement.

Bitulithic and similar	49.156 miles	area, 878,298 sq. yds.
Bituminous macadam	89.227	1,421,093
Water bound macadam	33.249	339,726
Granite block	10.787	168,145
Wood block	0.682	18,294
Brick	0.064	10,562
Bituminous gravel	4.956	68,443
Gravel	4.301	44,653
Cobble	0.039	695
Concrete	0.203	9,084
Unimproved	19.869	Except that some have been graded

Sidewalks:

Granolithic	107.045	miles area,	454,541 sq. yds.
Tar concrete	27.902		117,510
Flag stone	25.004		71,675
Granite curbing	252.570		

SEWERS

181.720 miles of sewers, (including interceptor) cost $5,214,688.02

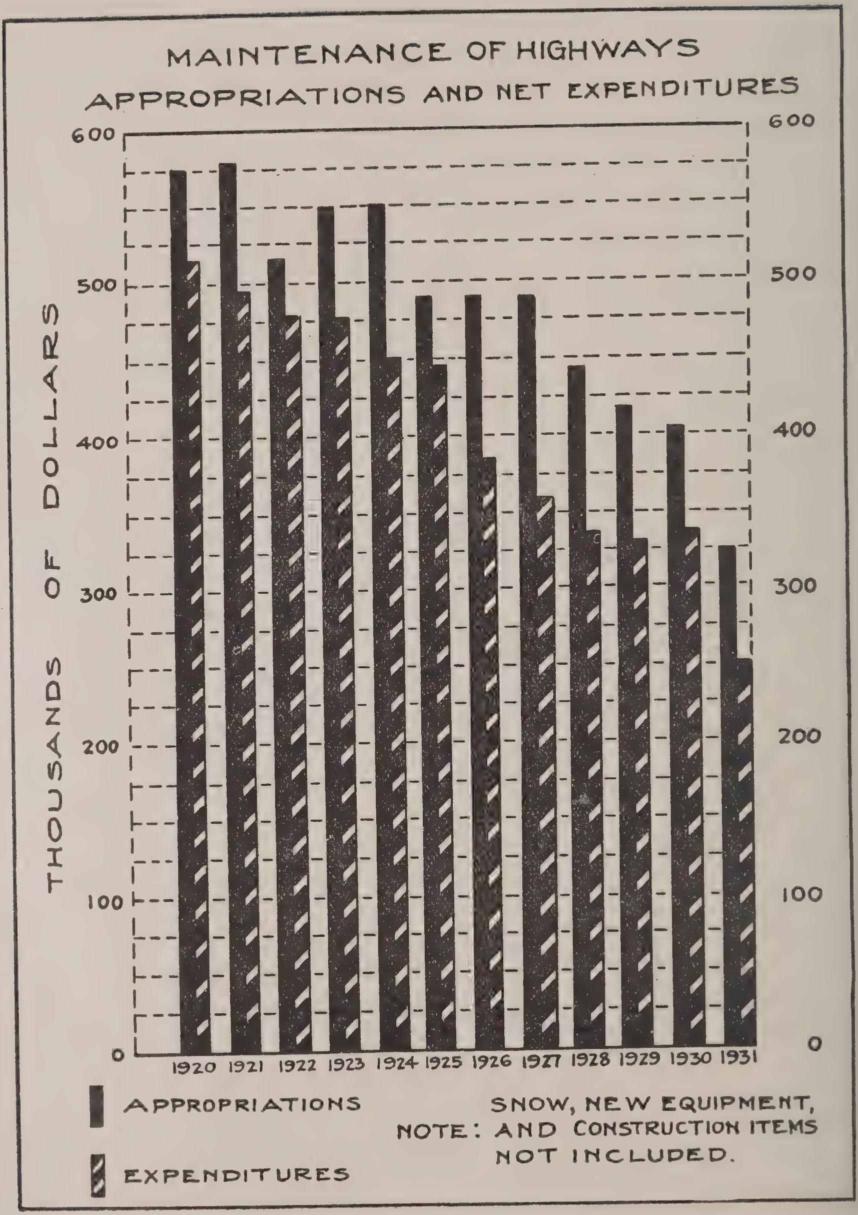
2,249 catch basins.

1,004 inlets.

APPROPRIATION AND EXPENDITURES—1931

	Appropriation	Service Transfers	Total	Expenditures	Balance
Highways	$325,000.00	$23,123.27	$348,123.27	$302,420.96	
Transfer by City Council to other Departments				45,000.00	$702.31
Highway Improvement	17,149.96	185.12	17,335.08	17,335.08	
Sewers and Drains	30,000.00	1,556.89	31,556.89	31,340.72	216.17
Bridges	2,500.00		2,500.00	294.77	
Transfer by City Council to other Departments				2,000.00	205.23
New Catch Basins	7,500.00		7,500.00	3,054.58	4,445.42
	$382,149.96	$24,865.28	$407,015.24	$401,446.11	$5,569.13

Highways Accounts



MAINTENANCE OF HIGHWAYS
APPROPRIATIONS AND NET EXPENDITURES

NOTE: SNOW, NEW EQUIPMENT, AND CONSTRUCTION ITEMS NOT INCLUDED.

HIGHWAYS ACCOUNT

EXPENDITURES

Ashes and Rubbish—Collection and Disposal		$75,169.74
Accidents, compensation and supplies		14,433.37
Municipal Garage—maintenance		16,286.04
Service cars		8,038.77
Main Office—salaries and supplies		17,059.33
Yard Office—salaries and supplies		8,063.45
Storehouse—salaries and labor		2,757.67
Yard maintenance—labor and materials		7,141.92
Pensions		1,608.35
Street Cleaning:		
Hand sweeping	$12,677.53	
Gutter cleaning	1,342.30	
Machine sweeping	29,981.28	
Sweeping bridge	75.14	
		44,076.25
Snow and Ice:		
Plowing and removal	$13,041.35	
Sanding icy streets	8,101.60	
Snow machinery—maintenance	872.97	
		22,015.92
Signs:		
Street signs	877.19	
Traffic signs	1,038.52	
Traffic lines	998.53	
Control signals—rental	2,846.34	
Miscellaneous repairs	79.00	
		5,839.58
Walks, cinder, gravel and screenings		8,909.44
Tools, new		118.80
Water supply		76.20
Bound stones		2.00
Repairs:		
Buildings	618.28	
Curbing reset	872.29	
Driveways	392.01	
Holes and washouts	8,711.99	
Fences	373.47	
Flag walks	2,275.26	
Granolithic walks	2,361.97	
Gutters	167.61	
Road machinery	774.70	
Tar walks	1,214.04	
Tools	1,989.49	
Tool houses	527.63	
Bituminous pavements	13,303.66	
Surface treatment	7,965.31	
Wood and granite block pavements	3,230.08	
Gravel roads (bituminous)	2,550.57	
Walls	62.16	

Bitulithic pavement	2,346.48	
Concrete roads	21.73	
Grading—streets and walks	4,810.65	
Brick walks	3.81	
Miscellaneous	768.97	
		55,342.16
New equipment		4,880.42
Supplies and materials		1,747.00
Service corporation charges		5,644.39
Department transfers and miscellaneous charges		17,553.31
		316,764.11
Credits received from use of trucks, road machinery and supplies		14,343.15
		$302,420.96
Appropriation		$325,000.00
Receipts		23,123.27
Total		$348,123.27
Expenditures	$302,420.96	
Transfer by act of City Council	45,000.00	
		$347,420.96
Balance		$702.31

NEW EQUIPMENT PURCHASED

2 "Handy Sandy" Sand Spreaders	$1,500.00
1 "Colecto"—Ash Collecting Truck	2,936.26
1 Broom Making Rack	444.16
	$4,880.42

COMPENSATION DATA

Number of no lost time accidents	39
Number of lost time accidents	24
Number of fatal cases	1
Average age of injured employee	52.5
Hearings before Industrial Accident Board	7
Conferences with Industrial Accident Board	8
Total amount expended including medical and hospital attendance	$14,433.37

CONTRACTS AWARDED FOR CONSTRUCTION MATERIALS

Material	Contractor	Quantity Bought	Unit	Price
Asphalt Cement	Highway Products Co.	29,105	Gal.	$ .0975
Broken Stone	Blue Stone Quarry, Inc.	1,214.55	Ton	2.68
Screenings	Blue Stone Quarry, Inc.	1,643.72	Ton	1.50
Sand	George E. Tripp	677.96	Ton	.70
Cement Sidewalk	Loftus & Dugan	1,987.02 176.57	Sq. Yd. Sq. Yd.	1.08 1.34
Asphaltic Emulsion	Headley Emulsified Products Co.	4,426	Gal.	.149

HIGHWAYS—ANNUAL EXPENDITURES

	1926	1927	1928	1929	1930	1931
Macadam repaired W. B.	$8,476.25	$8,697.22	$4,433.83	$3,497.46	$2,676.57	$3,211.68
Bituminous gravel	81,124.25	57,695.72	20,897.03	27,254.69	1,813.88	2,550.57
Bituminous macadam	326,615.46	311,797.73	276,003.57	146,146.13	177,327.36	10,716.10
Bitulithic Paving	60,624.07	131,168.60	80,694.01	176,381.25		2,346.48
Streets filled and graded	19,256.36	105,290.86	104,705.50	33,256.42	13,662.51	15,609.33
Curbing, new	146,766.21	101,286.63	110,006.11	109,320.44	123,317.76	568.89
Gutters, repaired	1,496.31	649.70	611.72	450.51	331.46	167.61
Concrete sidewalks repaired	3,311.69	2,927.03	3,955.35	2,921.04	3,662.46	1,214.04
Gravel and cinder walks	18,880.77	13,665.10	39,202.52	31,017.71	28,708.15	8,909.44
Granolithic sidewalks	193,875.89	124,561.27	33,894.99	22,541.07	48,939.24	5,096.05
Paving repaired, block, cobble and wood block	4,769.31	4,129.26	1,353.64	1,264.54	704.77	3,230.08
Flagging repaired	3,046.08	2,420.16	2,985.74	3,866.64	3,140.50	2,275.31
Sweeping and cleaning streets	88,107.93	68,133.15	62,759.88	65,067.11	67,475.41	44,076.25
Removing snow and ice	48,830.40	64,652.41	18,271.31	18,230.18	29,668.11	22,015.92
Collecting ashes	114,670.96	124,984.69	119,427.15	99,969.14	79,008.94	75,169.74
Filling holes in street	6,126.93	4,431.05	4,853.66	8,055.65	3,144.54	8,711.99

Highway Improvement Accounts

HIGHWAY IMPROVEMENT

Balance brought forward from 1930	$17,149.96
Receipts	185.12
Total	$17,335.08
Expenditures	17,335.08

Expenditures:

Curbing	$632.35
Cement Sidewalks	5,656.85
Grading	10,080.13
Entries	37.77
Bituminous Macadam	692.72
Charges	235.26
	$17,335.08

Bridges

BRIDGES

Appropriation	$2,500.00
Transferred by act of City Council	2,000.00
	$500.00
Expenditures:	
Coggeshall St. Bridge repairs	294.77
Balance	$205.23

Sewers and Drains

SEWERS AND DRAINS

Appropriation	$30,000.00
Receipts	1,556.89
Total	$31,556.89
Expenditures	31,340.72
Balance	$216.17

GROSS EXPENDITURES

Auto Truck		$2,252.22
Catch basins, cleaned		14,810.95
Catch basins, repaired		3,384.01
Catch basin drains, cleaned and repaired		207.36
Culverts, new		285.83
Culverts, cleaned and repaired		535.65
Drains, new (private)		2,318.22
Drains, cleared and repaired		3,627.55
Eyeholes and eyehole drains, cleaned and repaired		83.32
Inlets and manholes, cleaned and repaired		367.53
Sewers, cleaned and repaired		2,695.98
Surface drains, new		279.09
Surface drains, cleaned and repaired		317.97
Tools, new and repaired		162.01
Miscellaneous		283.96
Stock, carting and handling		25.16
Supplies and materials		1,999.87
Charges		1,556.89
		$35,193.57
Less stock charged in above accounts	$2,225.87	
Less truck charges included in above accounts	1,626.98	
		3,852.85
		$31,340.72

New Catch Basins

NEW CATCH BASIN ACCOUNT

Appropriation	$7,500.00
Expenditures	3,054.58
Balance	$4,445.42

Catch Basins	$1,112.83
Eyeholes	118.88
Inlets	278.26
Manholes	1,544.61

CITY OF NEW BEDFORD.

IN BOARD OF ALDERMEN,

February 25, 1932.

Received, ordered printed in the city documents, and sent down for concurrence.

RODOLPHUS A. SWAN,
City Clerk.

IN COMMON COUNCIL,

February 25, 1932.

Concurred.

RUTH G. HILTON,
Clerk.

Attest:

RODOLPHUS A. SWAN,
City Clerk.

NEW BEDFORD
VOCATIONAL SCHOOL

Annual Report

OF THE

Board of Trustees

FOR THE SCHOOL YEAR

1930-1931

New Bedford, Mass.:
New Bedford Printing Company
1932

New Bedford Vocational School

DAY DEPARTMENTS

Automobile, Carpentry, Electrical, Machine Shop, Steam, Related, and Household Arts.

TRADE EXTENSION COURSES

FOR MEN

Machine Shop, Automobile, Roof Framing, General Carpentry, Plumbing, Linotype Operation, Machine Drawing and Applied Mathematics for Machinists, Carpenter Drawing and Mathematics, House Wiring, Electrical Code Rules, Electrical Mathematics, Electrical Machinery Testing, A. C. Motor Winding and Maintenance, Steam Engineering, Boiler Room Chemistry, Sheet Metal, Welding and Radio Repair.

EVENING COURSES FOR WOMEN

Dressmaking, Cooking, Home Nursing, Home Decoration, Millinery, and Food and Nutrition.

BOARD OF TRUSTEES—SCHOOL YEAR 1930-31

CHARLES S. ASHLEY, MAYOR
EDGAR B. HAMMOND, CHAIRMAN
BERNARD McCABE, PRESIDENT COMMON COUNCIL

MRS. FREDERICK ALLEN
DAVID W. BEAMAN
DR. ANNA W. CROACHER
WILLIAM HARROP
WILLIAM RITCHIE
FRANK S. TRIPP

Trustees meet every first Monday of the month at 7:30 P. M. Meetings are public and are held in the Board of Commerce rooms.

ADVISORY BOARD

DAY VOCATIONAL SCHOOL

POWER DEPARTMENT

JOHN WALMSLEY
GEORGE BURGESS
FRED COWDEN

AUTOMOBILE DEPARTMENT

CHARLES DVORAK
HERBERT ATKINSON
GEORGE A. EMIN
S. BATES COY
JOSEPH NUNES

MACHINE SHOP DEPARTMENT

JOHN G. KENNEDY
MILLAGE G. BESSE
FRANK K. BROWN
CHARLES W. FIGGINS
WILLIAM E. WHITE

CARPENTRY DEPARTMENT

A. H. OLSON
GEORGE SISTARE
GEORGE J. DODGE
GEORGE O. GARDNER

ELECTRICAL DEPARTMENT

A. C. THOMPSON
GEORGE H. T. BROWN
ROY T. HAWES

DAY HOUSEHOLD ARTS DEPARTMENT

MRS. A. L. SHOCKLEY
MISS JOSEPHINE STUART
MRS. MAYHEW HITCH
MISS RUTH HILTON
MRS. G. H. SISTARE
MISS HANNAH ASHLEY

TRADE EXTENSION COURSES—MEN

GEORGE SISTARE
HERBERT ATKINSON
A. V. JASON
C. V. VINING
JOHN G. KENNEDY
ROY T. HAWES
GEORGE BURGESS
CLIFFORD HEDGES

EVENING PRACTICAL ARTS—WOMEN

MRS. A. S. ALLEN
MRS. E. B. ROBBINS
MRS. D. W. BEAMAN
MRS. WILLIS LOUGEE
MRS. CAROLINE WILSON

FACULTY

WILLIAM R. MACKINTOSH, DIRECTOR

Dorothy E. Burkle, Clerk
Mildred L. Burkle, Clerk

DEPARTMENT HEADS

H. Percy Arnold	Power
W. A. Pittendreigh	Machine Shop and Automobile
Arthur P. Whipple	Related
Lester A. Slocum	Carpentry
Charles W. Donovan	Electrical
Mildred G. Horne	Household Arts

INSTRUCTORS

POWER DEPARTMENT

Charles A. Foley
*Benjamin B. Pease
*John M. Baldwin
*S. Maker

AUTOMOBILE DEPARTMENT

Elmer H. Snyder
Anthony B. Sears
Edward G. Taylor
Peter Worsley
William T. Horton

MACHINE SHOP DEPARTMENT

Thomas J. Mulvey
Herbert W. Moore
R. E. Gardiner
Herbert C. Leonard

RELATED DEPARTMENT

E. Bowley Whipple	Machine Shop Mathematics and Drawing
Frederick S. Baker	Electrical Mathematics and Drawing
Edmund Conroy	Automobile Mathematics and Drawing Trade Science
Thomas F. Oldfield	Carpentry Mathematics and Drawing
Francis S. Holt	English, Civics History
Grafton Fish	Power Mathematics and Drawing English, Civics, History
William B. Norton	English, Civics, History
*Thomas A. Morrison	Linotype
*James F. Murphy	Plumbing
*A. E. Houghton	Sheet Metal
*F. W. Beyer	Welding
*B. J. Dowd	Welding

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*Evening Instructors.

CARPENTRY DEPARTMENT

Nathaniel F. Hastings
Sterling K. Wilson
Everett H. Taber

ELECTRICAL DEPARTMENT

Onslow C. Johnson
Lloyd E. Taber
William Quinlan
Harold M. Cooper

DAY HOUSEHOLD ARTS

Gertrude C. Lowe	Cooking
A. Estelle Oldfield	Cooking
Nellie F. Dunn	Sewing
Theresa Cunningham	Sewing, Millinery
Helen B. Knapp	Science, Mathematics
Dorothy L. Howland	Nursing
Alva B. Glidden	Design, English
Gladys Zwicker	Cooking, Sewing
*Margaret Sloane	English, Civics
Ruth Broadmeadow	English, Civics, History
Ethel H. Lowrie	Mathematics
Mary Sheerin	Cooking, Sewing

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*On leave of absence.

Evening Practical Arts

E. Marion Adshead, Supervisor

HEAD TEACHERS

Mary Evans
Anna Fahey
Mary E. Hughes
Ellen Paton

INSTRUCTORS

DRESSMAKING

Fannie Aldrich
Helen R. Almy
Gloria Amarantes
Bertha Anderson
Blanche Baldwin
Anna L. Carver
Margaret Chadwick
Charlotte Chase
Nellie Cieurzo
Anna Cohen
Amy E. Craven
Annie Doyle
Katherine Duffy
Annie D. Feenan
Alvina Gray
Jessie Hathaway
Agnes Hynes
Marie L. Montminy
Kathryn Mulligan
Mary A. Norton
Eva Richards
Margaret Ricketson
Gladys Sanders
Mary Smith
Anna Therien

FOODS

Gertrude Ames
Agnes Baldwin
Elizabeth Keyes
Louise Frisbie
Clara Lucas
Mildred A. H. Maynard
Anna Suchnicki
Agnes Taber
Anna Wall

FOODS AND NUTRITION

A. Estelle Oldfield

HOME NURSING

Dorothy L. Howland

HOME DECORATION

Edna Bateman
Esther Bateman
Mildred Chapman
Grace C. Lowe
Antoinette Shkolnick

CALENDAR 1931 - 32

Fall Term: September 9, 1931 to January 29, 1932.
Spring Term: February 1, 1932 to June 24, 1932.

VACATIONS

Christmas vacation, one week, beginning December 21, 1932.
Spring vacation, one week, beginning March 28, 1932.
Summer vacation, ten weeks, beginning June 27, 1932.

HOLIDAYS

Columbus Day	October 12
Armistice Day	November 11
From Wednesday noon, before Thanksgiving, the remainder of the week.	
New Year's Day	January 1
Washington's Birthday	February 22
Good Friday	March 25
Patriots' Day	April 19
Memorial Day	May 30

SCHOOL SESSIONS

Morning Session—8:30 to 12:00
Afternoon Session—12:45 to 4:15
Evening Session—7:00 to 9:00

VISITORS

The school is open to visitors during the following hours:

Daily except Saturday—8:30-4:15.
Saturday—8:30-12:00.

Visitors are always welcome and will be conducted through the school and furnished with such information as may be desired.

The night classes may be seen in operation Monday to Thursday evenings, inclusive, from 7:00 to 9:00, during the evening school term.

TELEPHONES

Main Office	C-2424
Power Department	C-573
Household Arts Department	C-5441
Automobile Department	C-7262

ADMISSION

Day School

Applicants must be at least 14 years of age and able to profit by the instruction offered.

Evening School

MEN

Applicants must be at least 16 years of age and employed in the trade they wish to study.

WOMEN

Applicants must be at least 16 years of age.

TUITION

There is a tuition charge for non-residents which is paid by the city or town the student comes from. This charge is fixed by the State Board of Education and is at present $200.00 per year for day school, and 20¢ per hour for evening school. Cities and towns paying this tuition are reimbursed 50 per cent of amount paid, by the State.

LOCATION

Household Arts Department	415 Ash Street
Power Department	" " "
Machine Shop Department	" " "
Electrical Department	" " "
Related Department	" " "
Carpentry Department	" " "
Automobile Department	1 Harrison Street

GRADUATION

Diplomas are awarded to those who have satisfactorily completed the required amount of prescribed work in the shop and related department. The courses are laid out to cover a period of four years, but a student may graduate as soon as he completes the required work.

FOLLOW UP WORK

A record covering a period of five years is kept for every boy and girl who has attended school for at least six months. These records are on file in the main office and are open to the public.

OPERATION RECORDS

A complete record of all work done by the pupils is kept by the departments. This record shows the kind, grade and amount of work done. These records are on file and open for inspection at all times.

ATTENDANCE RECORD OF DAY DEPARTMENTS

School Year 1930-31

Machine Shop Department:

Average membership	105.0
Average attendance	102.7
Per cent attendance	97.8

Power Department:

Average membership	23.1
Average attendance	22.2
Per cent attendance	97.8

Automobile Department:

Average membership	95.3
Average attendance	91.2
Per cent attendance	95.8

Carpentry Department:

Average membership	74.4
Average attendance	61.4
Per cent attendance	82.5

Electrical Department:

Average membership	83.5
Average attendance	81.5
Per cent attendance	97.3

Household Arts Department:

Average membership	135.4
Average attendance	123.9
Per cent attendance	91.1

Total average membership	516.7
Total average attendance	492.9
Total average per cent attendance	95.3

EVENING SCHOOL STATISTICS

School Year 1930-31

MEN		WOMEN	
Total Enrollment	465	Total Enrollment	1143
Average Membership	417.3	Average Membership	973.7
Average Attendance	364.3	Average Attendance	903.3
% Attendance	88.0	% Attendance	92.8

The evening classes for women are held in 16 centers in various parts of the city.

MEMBERSHIP OF THE DAY DEPARTMENT

September 3, 1931

Machine Shop	111
Automobile	101
Electrical	83
Carpentry	67
Power	27
Household Arts	161
	550

COST OF SCHOOL FOR THE CITY YEAR

From December 1, 1930 to November 30, 1931

Rent	$ 5,153.67
New Equipment	9,073.85
Administration	4,068.49
Instruction	121,394.91
Auxiliary Agencies	633.26
Operation of Plant	21,464.39
Upkeep of Plant	3,248.66
Total	$165,037.23
Federal Aid	11,561.26
Total Amount Spent from Appropriation	153,475.97
Cost to State	54,721.05
Cost to City	68,948.57
Income	41,367.61
Total	$165,037.23

INCOME

Tuition	$26,880.12
*Smith-Hughes	11,521.36
*George Reed Fund	39.90
School Cash	2,224.52
Credits	701.71
Total	$41,367.61

NOTE: State returns to City one-half of all expenditures after rent, new equipment, and income have been deducted.

*This money received from the Federal Government, and must apply to teachers' salaries.

WHERE PUPILS COME FROM

New Bedford, Acushnet, Bourne, Dartmouth, Fairhaven, Freetown, Lakeville, Marion, Mattapoisett, Middleboro, Oak Bluffs, Rochester, Taunton, Wareham, Westport.

COST OF SCHOOL TO CITY, 1928-31

School Year	Total Cost	—Income— Sales & Tuition	State	Total Income	Cost to City	Cost Per Student Hour to City
1928 1929	167,589.92	42,214.01*	55,990.02	98,204.03	69,385.89	11.9 cents
1929 1930	170,106.04	41,497.98*	58,579.50	100,077.48	70,028.56	9.95 cents
1930 1931	165,037.23	41,367.61*	54,721.05	96,088.66	68,948.57	8.79 cents

*Includes Smith-Hughes money.

STUDENT HOURS, 1928-31

YEAR	AUTO	CARP.	ELEC.	MACH.	POWER	DAY HOME	NIGHT MEN	NIGHT WOMEN	TOTAL
1928 1929	116,200	78,400	100,800	79,800	19,600	156,800	23,950	56,046	581,596
1929 1930	119,882	84,496	107,534	108,179	18,928	161,780	27,256	76,515	704.570
1930 1931	125,876	103,498	109,701	136,282	30,509	179,480	27,002	70,519	785,867

Student Hours in Day School for Year 1930-31—688,346.

Outline of Trades and Courses

DAY SCHOOL FOR BOYS

Boys thinking of taking up a trade should consider the advantages this school offers. The school furnishes just the kind of instruction that is most difficult and frequently impossible for the apprentice to obtain under the condition of present day employment. In the school the student is under the supervision of instructors who are mechanics of recognized skill and wide experience. Besides their trade experience the instructors have completed a course in teacher training under the direction of the State Board of Education. Each student receives individual instruction. Every effort is made to advance the student in his chosen trade and for this reason rapid progress can be made.

In the school the various trades have been analyzed and the student follows a planned course of instruction beginning with the simpler forms of work and advancing step by step until he is familiar with all the various branches of his trade.

The work done by the students is thoroughly practical and the progress a student makes is limited only by his capability and application.

The usual length of time to complete any one of the trades offered is four school years, although, as the instruction both in the shop and class room is individual, this time can be reduced, depending on the capability of the student.

The aim of this school is to fit students for profitable employment in the trades for which they are trained.

At present the following trades are offered: Automobile Mechanics, Steam Engineering, Machinist, Electrical, and Carpentry.

THE POWER DEPARTMENT

The building occupied by the Power Department is of brick and concrete construction two stories high and is 102 feet long by 63 feet wide on the ground floor. This is divided by a brick wall making two rooms.

One is used for a boiler room and the other for engines and generators. This department supplies other buildings of the school group with power, light and heat. The heating and ventilating system is thoroughly modern and up to date. There are toilets and wash rooms on both floors.

The top floor is divided into four class rooms with a combined seating capacity of about one hundred. There is also a locker room for the students on this floor. Although the building is of fire proof construction it is further protected by the Grinnell Automatic Sprinkler System.

This course deals with the operation and care of boiler room apparatus. The students in this course operate the school power plant and do whatever gas and steam fitting that is necessary around the school. The instruction in this trade is along the lines which fits the student to take successfully the several licenses required in this state. Students who have completed their studies in this department for the most part find employment in the power plants of the local mills, Vineyard steamboats, and other local concerns.

This department is equipped with two boilers of 150 H. P. each. One is a regular H. R. T. fire tube, and the other is a B & W water tube of the cross drum type. There are pumps, injectors, heaters, and everything necessary to operate these boilers.

In the engine room there is a Una-flow engine of 160 H. P., direct connected to a 90 K. W.-A. C. generator that furnishes power and light for all buildings connected with the school.

MACHINE SHOP DEPARTMENT

This course trains a boy to enter the trade as a machinist. Obviously, not as an experienced machinist, for that requires years in the trade. It is not necessary for the student to serve an apprenticeship after completing this course. Students' work has not only the instructor's inspection to pass, but also the customer's as well. This double inspection gives the student confidence in his ability to do work that meets with commercial requirements. The machinist trade lays a good foundation for a number of allied trades or occupations. A boy completing this course may easily enter any of the following allied branches: drafting, automobile repairing, aeronautics, marine engineering, linotype repairmen, machine demonstrator, machine tool salesman, and toolmaker.

Beginning with the third year of the course, we have been able to place a student in some of our manufacturing plants for two to four weeks during the term. While in these shops he receives financial compensation. Being able to place the boy in a production shop gives him confidence in himself, and when he graduates, going into a machine shop is just another job.

If a boy has to leave school before the completion of his course, it is possible for him to receive a regular Day School diploma by attending evening school. Requirements are, that he must be employed in a machine shop during the day and complete the required related work and such machine operations that he has not received credit for.

The shop rating of the student is taken from an operation record. This operation record card was made up after the machinist trade had been thoroughly analyzed and the essentials listed and classified.

The Machine Shop Department is a well lighted and ventilated shop 144 feet by 37 feet, and in addition to this there is a building 50 feet by 50 feet which is used for acetylene welding, forging and heat treating of steel. The machine shop is divided into three sections, each section being driven by its own motor.

All the millwrighting and placing of machines was done by the Machine Shop students.

The equipment of the machine shop is as follows:

6—12″ lathes
17—14″ lathes
11—16″ lathes
2—18″ lathes
1—20″ lathe
1—30″ gap lathe
1—12″ motor driven lathe
2—Screw machines
6—Milling machines
1—Power hack saw
2—6″ precision bench lathes

3—Cylindrical grinders
1—Surface grinder
1—Universal tool and cutter grinder
2—Upright drill presses
1—3 spindle drill
1—Sensitive drill
2—Shapers
3—Floor grinders
1—Air compressor
1—Centering machine
1—Punch press
1—Forge
2—Heat treating furnaces
1—Oil tempering furnace
1—Portable acetylene welding outfit

Eight more stations were added to the oxy-acetylene welding section during the past year, making a total of sixteen stations. A General Electric arc welding unit was also purchased.

Welding gives the machine shop students a well rounded out course, and will be of great benefit to them, especially if they go to work in a job shop.

It is planned to offer this instruction to the fourth year automobile students in addition to their regular course.

Following is the shop curriculum of this department. This is adhered to very closely. The only exception to this is when there is lack of proper work or when the type of machine wanted is not available.

FIRST YEAR

FIRST TERM	SECOND TERM
Bench—Filing, hand Threading	**Bench**—Reaming, Soldering
Lathe—Rough Turning	**Lathe**—Finish Turning, Taper Turning, Boring, Threading
Screw Machine—Bar Stock	
Drill Press—Jig, Vise	**Drill Press**—V Block, Platen

SECOND YEAR

FIRST TERM	SECOND TERM
Lathe—Back Rest, Compound Rest, Form Turning, Hand Tooling, Taper Boring	**Lathe**—Face Plate Set Up, Inside Threading, Acme Threading, Square Threading
Miller—Surface Milling, Indexing	**Miller**—Gear Cutting, Gang Milling
	Shaper—Vise, Platen
	Surface Grinder — Magnetic Chuck

THIRD YEAR

FIRST TERM

Bench—Babbitting, Scraping, Assembling and Fitting
Planer—Platen, Vertical
Screw Machine—Setting Up
Universal Grinder—Cylindrical

SECOND TERM

Tool Grinder—Cutters
Forge—Forming, Re-dressing Tools, Hardening and Tempering
Bench—Laying Out Work
Shaper—Angular Work, Splining
Universal Grinder — Using Back Rest
Miller—Boring, Vertical

FOURTH YEAR

FIRST TERM

Acetylene Torch—Welding.
Gas Furnace — Hardening, Tempering, Carbonizing
Miller—Tee Slots, Dove Tails, Small Tools

SECOND TERM

Lathe—Multiple Threading
Universal Grinder — Internal Grinding
Miller—Bevel Gear, Rack, Spirals, Slotting, Circular

THE AUTOMOBILE DEPARTMENT

The course in auto mechanics started in September, 1922, and has grown each year until at present it is one of the largest in the school.

The aim of this course is to give a thorough training in automobile repairing, ignition work, and tuning and testing.

First year students are instructed on the Model A Ford because of the simple construction and the low cost of replacement parts.

This training course was started in September, 1922, and has grown each year until it is one of the largest in the school.

The aim of this course is to give a thorough training in automobile repairing, ignition work, and using up-to-date service equipment. There are five shop instructors, each man having the same number of first year, second year, third year, and fourth year students. The students are with the same instructor for one-half year.

When a car comes into the shop, the job is analyzed and assigned to the proper student.

There are a number of special jobs that the third and fourth year students are given an opportunity to become very efficient in. For example: one of the older students fits all the piston pins, re-faces all the valves, and re-seats the valve seats. Another relines all the brakes and adjusts them. Another aligns the wheels, and another does the body and fender work, testing, washing, polishing, and greasing. Each student stays on each of these jobs one week, and then goes to the next one.

A great deal of the fourth year student's time is devoted to ignition, tuning and testing problems. One week in three is spent in the automotive electrical laboratory. Senior students when in the shop tune and test all cars before they are turned over to the instructor for the final road tests. This arrangement gives the seniors just the type of work they need. An operation record of the student's work and progress is kept and the instructor assigns the work to the student's needs from this record sheet.

All students are instructed on real jobs. This creates a big interest factor as well as building up confidence in the student that he can do a job that will function to the satisfaction of both the instructor and customer.

In close relation to the shop instruction the student is given the trade science of the work he is doing. Trade science includes such subjects as the principle of the two and four cycle motor, caster and camber of wheels, the differential, heat treatment of steels, testing of oils, hydraulics, and other subjects that are essential to the first class mechanic.

All the third and fourth year students are given an opportunity to work in the trade during their training. This gives the employer a chance to become acquainted with the student and the student a chance to work with and know the men in the trade.

This department is well equipped with all the necessary tools, such as lifting hoists, hydraulic jacks, speed wrenches, bench vises, burning in stand, ignition test bench, battery chargers, press, drill press, overhead track, wash stand, and compressor.

THE ELECTRICAL DEPARTMENT

This course aims to give a very thorough training in electrical construction and apparatus, keeping in mind its commercial relation to the electrical trade.

The first two years of the course are devoted to residential and industrial light and power wiring and installations. In the last two years electrical machinery, telephones, batteries and other electrical apparatus are fully studied in a manner which gives the student a complete understanding of the theory and practical applications of such apparatus. All the electrical maintenance work in the entire plant is done by students in this department. This includes work on generators, motors, lighting, telephones and signals.

For students who qualify, a special course in radio servicing is offered, which may be taken during the third and fourth years. The electrical knowledge obtained in the regular electrical course is applied to radio servicing, and is supplemented by a study of radio theory and servicing methods. A well equipped service laboratory is used where the students use the latest testing equipment and receivers for practical work.

All machines and equipment used in this department are modern and complete and consist of:

DIRECT CURRENT MACHINERY

15—110 to 220 Volts. 1 to 10 H. P. Motors.
12—110 to 125 Volts. 1 to 15 K. W. Generators
2—Rotary Convertors ½ to 7½ K. W.
1—Mercury Arc Rectifier 110 - 220 Volts A. C.
  45 to 120 Volts. 140 Amperes D. C.
1—2 Ampere Tungar Charger
4—6V-120 Ampere Hour Lead Storage Batteries
14—150 Ampere Hour Edison Cells
15—15 Ampere Hour Edison Cells
6—Westinghouse Load Resistors
  Rheostats and Control for above apparatus

ALTERNATING CURRENT MACHINERY

14—3 Phase 550 Volt. 1 to 20 H. P. Motors
1—3 Phase 220 Volt 5 H. P. Motor
3—1 Phase 110-220 Volts ¼-2 H. P. Motors
1—1-3-6 Phase 220 Volt 5 K. V. A. Westinghouse Laboratory Set Complete.
1—1-5 K. V. A. Power-factor Correction Board

11—1½ to 15 K. V. A. Transformers 600/550-220/110 Volts
1—7 H. P.-3 Phase Load Resistor
1—2½ H. P. Motor-generator set.
1—15 H. P. Automatic Compensator.
3—D. C. and A. C. Wattmeters

This department is also equipped with the following measuring instruments:

29 D. C. Voltmeters
22 D. C. Ammeters
1—Cell Discharge Tester
5—Current Transformer
9—A. C. Voltmeters
4—Galvanometers
2—Power-factor Meters
3—D. C. Ampere-hour meters
1—Ohmmeter
1—Foot-candle Meter
3—Potential Transformers
12—A. C. Ammeters
3—D. C. and A. C. Wattmeters
1—Frequency Meter
1—Polyphase Recording Wattmeter

RADIO APPARATUS

Instruments:

1 Jewell Radio Analyzer.
1 Weston Radio Analyzer.
1 Weston Oscillator.
1 Weston Output Meter.

Receivers:

1 Federal D. C. Receiver.
1 Standardyne D. C. Receiver.
1 Silver-Marshall All Wave Receiver.
1 Sparton Radio and Phonograph Combination.

Miscellaneous:

Complete stock of tubes, batteries, speakers, and parts necessary for construction and repairs of receivers.
Latest technical service books and complete file of radio literature.
All day school electrical equipment available for use when necessary.

CARPENTRY DEPARTMENT

This course deals almost entirely with the problems of the house carpenter. The training in this department fits a student to take his place in the industry as a carpenter without further apprenticeship.

This department is very well housed, the main shop being 37′-89′, the tool room 12′-18′, lumber loft 25′-37′, wash and toilet room 18′-37′, and paint room 12′-18′. The whole shop is well lighted and ventilated.

The machine equipment is as follows: (all these machines are motor driven)

2—Circular saws
1—16″ jointer
1—24″ surface planer
1—Spindle shaper
1—Tenoner
Hollow Chisel mortiser
1—26″ band saw
1—36″ band saw
2—Turning lathes
2—Grinders

The shop equipment consists of 9 benches 3′-18′, equipped with iron vises and stops. The tool room is thoroughly equipped with hand tools.

Besides the training in house carpentry, the students in this department receive a working knowledge of heavier construction, cabinet making, pattern making, and wood finishing.

The layout of the shop work is as follows:

1st year—Shop and bench work.

2nd year—Staging and exterior work.

3rd year—Interior finish, cabinet work, machine operation, wood finish.

4th year—Framing, stair work, roof framing, pattern making.

The trade science covers the factors affecting the use of wood in construction, such as physical structure of woods, hard, soft, heart, and sap woods.

Effects of moisture and defects upon working and lasting conditions of air dried and kiln dried lumber.

The identification of common woods.

Preservative treatment of woods and the use of paint and stain.

The theory of tools, how to care for them and sharpen them.

Building construction types and kinds, laying out, flashings, firestops and use of building code.

Concrete formwork and proper tieing and bracing.

Care and use of machines.

Proper speeds for cutting.

Safety precautions.

Set ups and proper grinding and sharpening.

DEPARTMENT OF RELATED WORK

Besides the manual work necessary to master the trades, complete instruction is given in the mathematics, drawing, and the science related to those trades. This instruction is given by tradesmen skilled in this phase of the trade. Each trade has its own mathematics and drawing, and the student of one trade does not take the theory which applies to another.

A complete course in English, both elementary and advanced, Civics, American and Industrial History, and Hygiene, is included in the required work of this Department.

The Department is housed in a building given over entirely for its own use. It is free from noise, and the quiet needed for study and concentration is found. A number of students who have shown special ability and inclination for Machine Drafting, have been incorporated into a class in drafting and design work. The school has been called on frequently for students with a knowledge of this type of work, and this class, it is hoped, will care for this need among the employers of this city.

The building is divided into thirteen class rooms, a large printing room, a first aid room, and a blue-print room. In the basement there is a large class room for first year boys in the Electrical department, together with an electrical machine testing room and a radio room. On the first floor is the printing room, first aid room, stock room, and three large class rooms. Two of these are in constant use by the shops, giving Trade Science and senior work. The other is used for English, Civics, History and Power, Drawing and Mathematics. On the second floor are nine class rooms, the blue-print room, and the Department Head's office. One of these rooms is given over to the teaching of related Machine Shop work, one to Electrical, one to Automobile, one for Senior Class work in automobile electricity, one for Machine Drafting, two for classes in English, Civics, and History, and one for Carpentry related work.

* * *

OUTLINE OF WORK IN RELATED DEPARTMENT

General Mathematics—Fractions, decimals, ratio, proportion, square root, mensuration, formulas.

Applied Mathematics—Taper-turning, pulley speeds, gear speeds, simple screw cutting, A. C. and D. C. mathematics and machinery, shop trigonometry, board measure, roof framing, estimating, strength of materials.

Shop Drawing—Freehand isometric and orthographic projection, shop drawing, details, assembly, elementary machine design, house plans, architectural details, and cabinet drawing.

English—Elementary and advanced English, with emphasis on oral work and descriptive analysis.

Civics—Complete course in local, state, and national government, emphasizing local conditions. This course also contains weekly periods covering current events.

American History—Complete course from the first settlement to the present time.

Industrial History—This course is designed to acquaint the student with the growth and expansion of industry, and includes trade geography.

Physics, plane geometry, plane trigonometry, and algebra are elective in the third and fourth years to students in all departments.

Day Household Arts Department

The courses given in the Household Arts Department are essentially for training in homemaking, but it is also the aim to give the girls some foundation for managerial work, such as tea room work, managing housekeepers' work, running a home bakery, or doing work in millinery, costume design, and sewing for private parties or in stores. Such instruction and training should prepare a girl for remunerative employment in a desirable position.

COOKING

The aim of the cooking course is to teach the principles of cookery and the practical application which may be worked out in the girl's home as well as in the school kitchen.

Since all of the food prepared is served at the noonday luncheon at school, the girls exercise great care, thereby developing self-confidence and a keen sense of responsibility. In addition to this each girl is required to prepare and serve special luncheons to four people, doing all the buying and planning as well.

A thorough study of foods, and food values is taken up during the first two years, and during the third and fourth year a course in dietetics is given.

SEWING

During the first year the girls are taught the use and care of a sewing machine and its attachments, and the use of commercial patterns. The alteration of patterns to fit any figure is emphasized. Underwear, aprons and a cotton dress are made in the first year.

In the second, third, and fourth years more advanced work on cotton material is taken up, and wool and silk material are also used. Special attention is given to hand work and renovation problems. The use of the power machine is taught by using a small motor which may be easily attached to any machine and one which is suitable for use in the home as well as school, also machines with the built in motor used in so many homes.

Closely associated with the sewing course is the

TEXTILES

study of textiles. This includes the history and manufacture of different clothing materials, such as cotton, silk, wool and linen, a knowledge of which enables the girls to select and buy clothing materials intelligently and economically. Every group of girls has an opportunity to go to the Textile School to observe the process of weaving as it is done at the school. The machinery and the work done at the school is explained thoroughly by a member of the Textile School faculty. Simple tests which may be used in the home are taught by which one may distinguish between good and poor quality of different materials.

MILLINERY

Practical work:

- Renovation of winter hats and materials.
- Making velvet hats and trimmings.
- Renovation of spring hats.
- Making straw hats and trimmings, including ribbon and crepe facings.
- Stitched hats in both silk and velvet.

SECOND, THIRD AND FOURTH YEAR

The same course is followed as in the first year but more advanced work is done. Hats of fabric, satin and fur are made, if such materials are in vogue.

The molding and draping of felt hoods has been a special feature for the third and fourth year girls this year. Straw hoods also were used in the spring and summer work. The practice in doing this has a great deal of value in that every line is fashioned by the girl, closely relating her costume design with millinery.

DESIGN

The aims of the design course are to cultivate good taste, and to teach the appreciation of beauty and its practical application in every day life.

This course consists of the study of abstract design, followed by concrete application to problems of home decoration and costume design.

This work is correlated with that of the dressmaking, millinery, and domestic science departments in the hope of bettering the home and personal appearance of the girl.

HOUSEHOLD MANAGEMENT

This course includes the theory and practice of every process connected with housework. Planning and construction of houses are studied with the idea in mind of convenience, labor saving and saving of steps for the housekeeper. Much attention is given to the planning of the kitchen and selection of practical equipment. Labor saving devices are studied, as to their practical and economic value.

During the fourth year, an advanced course in this subject is given which includes a study of the development of the home. More attention this year is given to planning and keeping a family budget, the girls using their own home problems as a basis for study.

HOUSEHOLD SCIENCE

The purpose of this course is to lay a foundation for an intelligent and economic care of the home. It includes a study of the various principles and laws of physics and their applications to the facilities and conveniences of the modern household. The physics of heating and ventilating systems, refrigeration, simple machines and electrical devices in the home are considered. It also includes the study of water supply, plumbing and disposal of sewage.

A study of the common elements is made as a foundation for the study of foods and of chemical changes that occur in the every day experience of the home maker. The simple basic facts relating to the following subjects are presented: water, atmosphere, bleaching and purifying agents, baking powders, ammonia, glass, soap, hard and soft water and fuels. A brief study of bacteria, yeasts and molds is made in order that the student may understand precautions in procuring food from the market, the care to be taken in preparing and preserving foods in the home, and the value of certain organisms in ripening and giving flavor to foods.

HOME NURSING AND HYGIENE

The aim of this course is to teach the girl to keep her body in the most healthful condition and to enable her to give intelligent general care to the sick in her home.

The room in which this work is given is equipped like a home bedroom. A large hospital doll and two baby dolls, three months and one year sizes, are used in the practical work.

The course includes bed making, bed baths, prevention of bed sores, diets in illness, hygiene of the sick room, especially in contagious diseases, taking of temperature, pulse, respiration, symptoms of diseases, chronic and acute, especially contagious and children's diseases, poulticing, administration of medicine, of enemata. Special attention is given to infant and child care. Bathing, dressing, feeding, care of bottles, also the balanced diet for the older child. Some work in bandaging and first aid is also given in the course.

An addition to the Hygiene course this year includes the care of the hair and scalp, shampooing, care of the skin, and manicuring. While this is not taught as a trade, yet it gives a good foundation to those girls who choose this work for a profession.

The Senior girls complete the Red Cross course in Home Nursing and receive a Red Cross certificate.

CHILD CARE AND DEVELOPMENT AND FAMILY RELATIONSHIP

A course in child care and development and family relationship is now a requirement for all girls in the senior class.

Through the studies of girls' activities their interest in the younger children in the home and in family life, possibilities for progress in home economics education are suggested. The mental training of the child as well as the physical, is emphasized and also the influence of environment and heredity.

The contribution of each member of a household to the happiness and welfare of the family is studied and discussed so that the girls have a much better realization of their individual responsibilities.

ENGLISH

The aims of this course are the cultivation of clear, forceful, correct English, both oral and written, and the appreciation and enjoyment of the best in literature.

A careful study is made of the best standard English works, including prose and poetry in their various forms. A brief survey is given of the better type of modern novels, the worth while in late poetry, and the most outstanding in modern drama.

Sufficient knowledge of written technicalities is given to enable the girl to write a natural, convincing and entertaining, social letter, and a simple, pointed and courteous business letter.

Since oral English is the medium of expression most frequently used, this form is stressed in the curriculum, which is especially planned to meet the needs of the individual pupil.

CIVICS

The first year classes in civics take up the study of city conditions in general and New Bedford in particular. The history of the city is studied and later girls are led to think of the modern problems which present themselves. Discussion is encouraged and suggestions for betterment are brought forward and talked over.

The second year girls continue along these lines, noting the growth of the cities and discussing the causes. Particularly do they notice that through coöperation and community spirit many changes for good have been brought about—in fact that the helpful spirit is necessary in everything, successful school life as well.

They also take up the State and National Government.

HISTORY

An extensive course in American History, followed by one in that of the World, is given the pupils that they may, first of all, learn the story of the romantic development of their own country, and later, the significance of this country among the world powers of today.

The evolution of many phases of twentieth century life, which the pupils accept as commonplace today, is taken up.

This includes the study of inventions, economic and industrial conditions, domestic processes, position of women, etc.

In addition to this pupils are lead to think for themselves about present day conditions and to obtain an intelligent viewpoint on problems of vital interest and importance in the world today.

Included in the curriculum also are mathematics, physiology, dietetics, and laundry.

HOME PROJECT WORK

The Home Project Work which is carried on in connection with this department has added both interest and enthusiasm to the carrying over into the home of the principles and processes taught at school.

Each girl remains at home one-half day each week, at which time the teacher having charge of this work may visit the home and supervise the cutting of a garment, the preparation of a meal, general housework, or a problem in home decoration, whichever one has been chosen for the girl's special duty. Projects to cover a period of six weeks are assigned, but on any day the girl may change her plan to do something which is necessary to be done in the home on that day and make up her regular project on Saturday. Each teacher supervises her own projects.

Many of our girls do work at home other than that assigned by the teacher. The record of this is kept by the pupil, signed by the mother and sent to the school, where credit is given the girl for the work.

The aim of the Home Project Work is to develop initiative in her home problems on the part of the pupil and to encourage coöperation on the part of the parent.

The home project work in English centers upon the selection of books for a family library. In addition to fiction, poetry, history, biography and children's books, the home project problem involves the selection of reference books, scientific books for home crafts, and technical books dealing with the trades and professions of the working members of the family.

OPPORTUNITIES FOR HIGHER EDUCATION

The four year course in this department is the equivalent of a high school course of the same length and graduates are admitted each year to the Vocational Household Arts course at Framingham Normal school. After completing the course there, they are eligible to receive the B. S. degree which is now granted by that institution.

Girls who wish to specialize in Art and Costume Design are prepared for entrance to various art schools in New England and may be admitted on passing examinations to Massachusetts Normal Art School.

For the girls interested in Foods, opportunities to work in tea rooms have been found and they may continue training at the Boston School of Domestic Science and Art, if they wish to prepare for positions of greater responsibility.

For the girls who are interested in dressmaking and millinery as a trade, the training in those subjects here gives an excellent foundation. They may enter the trade without serving an apprenticeship and may receive higher wages than the girl without this foundation.

Several girls enter training for the nursing profession each year in both local and out of town hospitals. They find that their training in Household Arts is a very good foundation for the work in nursing, in that it includes the subjects which have a direct bearing on the hospital work.

The case of one girl deserves special mention. She went to a hospital to train for nursing. She had marked talent in drawing, which was developed while a student here. This was soon discovered and she was allowed to do sketching in the operating room during operations. Because of her ability she was advised to get more training. She is now at John Hopkins University taking special work to prepare for the work of technician in a hospital.

Many girls are not able to complete the four year course. For this reason, the work of the first and second year is planned so to include the subjects both practical and academic which will be of more vital use to the student who has to leave school.

Whatever line of work a girl may pursue after leaving this school, the time spent here has not been wasted since she has had training and practice in the things which she should know how to do, in her home or for herself. She is able to make her own clothes and hats and to buy economically and tastefully which is a valuable asset to every girl. Her interest in her own home and family is greatly increased through the study and class discussions of family relationship. Better home life in our community should be a direct outgrowth of such training in our schools.

PHYSICAL TRAINING

The work in physical training is conducted at the Y. W. C. A. gymnasium, since there is no suitable gymnasium at the school.

The work consists of floor exercises, folk dances, some apparatus work, games and basketball.

Simple exercises which help to improve the functional activity of the body and to correct tendencies to abnormal development are given daily in the classroom.

Basketball teams are organized each year and interclass games are arranged.

At the end of the season each year, an exhibition of work done in these classes is held.

Good health and strength are essential to happiness. With this in view the physical training work is planned.

DISTRIBUTION OF TIME IN THE HOUSEHOLD ARTS DEPARTMENT

FIRST YEAR	Periods
Mathematics	4
English	3
Civics	1
Cooking	4
Design	1
Clothing	6
Textiles	1
Home Nursing	1
Personal Hygiene	1
Mending and Care of Clothing	1
Household Management and Laundry	2
Home Project	3
Physical Training	2

SECOND YEAR	Periods
Mathematics	2
English	3
Cooking	3
Design	2
Clothing	6
Millinery	1
Physiology and Dietetics	1
Home Nursing	1
Personal Hygiene	2
Physical Training	1
Textiles	1
Science	2
Household Management	1
Home Project	3

THIRD YEAR	Periods
Mathematics	3
English	2
Cooking	4
Design	3
Clothing	6
Millinery	1
Dietetics	1
History	2
Home Nursing	1
Science	2
Home Project	3

Period: 55 minutes

FOURTH YEAR	Periods
Mathematics	3
English	3
Millinery	1
Clothing	6
Science	3
Cooking	4
History	3
Home Nursing	1
Personal Hygiene	2
Design	2
Food Industries	1
Dietetics	1
Home Project	3

Trade Extension Evening Classes

FOR MEN

In order to attend the evening courses one must be at least sixteen years old and be employed during the day in the trade he wishes to study at night. This is the state law regarding trade extension courses. The courses given at present in the evening school are steam engineering, boiler room chemistry, machine shop practice, mathematics and drawing for machinists, A. C. and D. C. mathematics, house wiring, Code Rules, electrical testing, radio repairs, roof framing, general carpentry, carpentry mathematics and drawing, plumbing, sheet metal, linotype operation.

MACHINE SHOP DEPARTMENT

This course is conducted for twenty weeks beginning about October 1. The class meets from seven to nine for two nights a week. Persons having reached the age of sixteen years and who are employed in the machine trade during the day are eligible for membership. The course is designed to give the tradesman more knowledge of his work. It includes study on special work, drawing and the mathematics of his trade. No set course is laid out for this group of men. If a man wishes to receive instruction in spiral or bevel gear cutting, he gets that. If he wants to learn multiple thread cutting, that is taught him. In other words instruction is given in any special job or definite problem asked for by the individual.

AUTOMOBILE DEPARTMENT

There are two courses for men working in the trade and who wish to increase their knowledge. One is Ignition and Testing, and the other Automobile repairing. The former is for the mechanics who want to know more of the methods of trouble shooting and testing. The latter course is offered to young men who work as helpers, specialists or chauffeurs in garages.

All of the instruction is given on real jobs; a number of the cars that are used for instruction belong to the students.

As in the other evening courses offered in the school, a trade is not taught in this course. There are only forty nights of two hours each, thus it is plainly seen that only helps and suggestions can be given. The course is flexible enough so that if a man wishes to build over a battery or if all he wants is to use special service equipment he may do so. Great effort is made to give the man what he wants and when he wants it.

CARPENTRY DEPARTMENT

There are six courses from which to choose in this department:

General Carpentry—by which an apprentice can benefit.

Cabinet Work—which is helpful to a finish carpenter or a man employed in a cabinet shop.

Machine Operation—which deals with the grinding of moulding knives, planer knives, and sharpening of band and circular saws, proper speeds and short cuts.

Pattern Work—for a man working in a manufacturing plant or any firm employing a maintainance force.

Roof Framing—for the man who wishes to become a foreman or go into business for himself. Gable roof, hip even pitch, hip two pitches, gambrel roof with two kinds of dormers, octagon and circular towers, A dormers, shed roof dormers, hip dormers, A peaks and bell towers. Both the steel square and the square root method are employed in this course. The aim of this course is to teach a man how to frame a roof from plans so that it is ready to put up without further cutting and fitting, thus increasing production which is necessary to compete in the building trades today.

Stair Work—on winding stairs, platform and straight stairs, laying out and cutting of stringers, framing openings for proper headroom, setting newell posts, angle posts and landing posts, setting and fastening of rails and balusters.

MACHINE DRAWING AND MATHEMATICS

The evening classes in Shop Mathematics and Shop Drawing are arranged in such a way that students are encouraged to bring in problems that they meet in their daily work, and work them out with supervision. For those who want the regular mathematics and drawing, courses are laid out to include shop algebra and trigonometry, and in the drawing class, elementary design work.

ELECTRICAL MATHEMATICS

The object of the evening course in "Alternating Current Mathematics" is to give the necessary fundamentals to acquaint the men with the operation and care of A. C. circuits and machines and acquire enough mathematics to enable them to make simple practical tests.

The work covered is as follows:

Theory of generation of Alternating Current.
Effect of Resistance, Reactance, and Capacity.
Single and polyphase circuits.
Power measurements.
Power-factor and its correction.
Operation, testing and repair of A. C. Motors.
Use of compensators, circuits, etc.
Practical use and testing of transformers.
Transmission of power.

Class discussions involving different methods and materials used and "daily work" problems, etc., are submitted by the men in class for general information.

ELECTRICAL TESTING

For men wishing to study Electrical Machinery this course offers classroom and laboratory instruction for the operation, application and testing of Direct Current and Alternating Current Machinery.

Some of the Direct Current subjects included in the course are: Electrical Units, Ohms Law, Circuits, D. C. Dynamo Construction, Connecting and Testing Rheostats and D. C. Machines, Testing and Correcting Troubles, D. C. Meters, Lead and Edison Batteries, Three-Wire Generators.

Among the Alternating Current subjects are: A. C. Units, Principles and Types of Alternating Current Machinery, Transformers, Central Station Inspection Trip and Central Station Operation, A. C. Meters—connections, uses, ranges; Single and Three Phase Motors—connections, applications, testing.

ELECTRICAL CODE RULES

As the name implies, this course is a thorough study of the code rules, together with practical demonstrations of electrical work. This course is a great help to those men in the trade who are studying for their journeyman's license.

RADIO SERVICE AND REPAIR COURSE

This course is intended for men desiring to make a study of radio receiver principles and servicing methods.

Part of the course is devoted to a study of the fundamentals of electricity which are clearly applied to radio during the entire course.

A well equipped service laboratory with the latest sets and testing equipment is used for practical and demonstration work.

PLUMBING

This course is laid out to meet the needs of those men in the trade who are studying for their state license. It consists of practical work, drawing, layout work, and lectures in sanitation.

STEAM ENGINEERING

The Evening classes in the Power Department are conducted mainly to help men who are already working as engineers or firemen, and who want to get a higher grade license than they are holding at the present time. We also have classes for men who are working in allied trades and who would like to get a fireman's license. Machinists, steamfitters, electricians, and plumbers, are considered as allied trades.

BOILER ROOM CHEMISTRY

This course is mainly for chief engineers, or anyone with a first class engineer's license, and consists of coal, oil, and flue gas analysis.

LINOTYPE OPERATION

Besides operating linotype machines the students in this course are given an opportunity to study the mechanical construction of these machines.

CARPENTER MATHEMATICS AND DRAWING

The course in carpenter mathematics consists of board measure, estimating, and strength of materials. The course in drawing consists of architectural details, house plans, and cabinet work.

OXY-ACETYLENE WELDING

Six classes were organized this year for instruction in acetylene welding and cutting. The courses proved to be very popular with steam fitters and sheet metal workers.

The former practised pipe welding, cutting and the laying out of templets for pipe intersections and fittings. This included bronze welding of cast iron pipe and the welding of steel pipe. Instruction was given on both the butt and intersection welds.

The sheet metal workers were instructed on the butt and flange welding of sheets and the butt and fillet welding of plate.

All classes have eight nights in classroom work. This includes steriopticon lectures, development drawings of the different types of pipe fittings and intersections and a brief course in metallography. The department is well housed in a building used for welding only and has an adjacent building for a 100 pound acetylene generator. The equipment includes sixteen welding stations, 100 pound medium pressure oxweld generator, four oxygen tanks with manifolds, a G. E. arc welder and a good selection of small tools. A preheating torch was used to demonstrate the welding of cylinder heads. Each welder has a welding table.

We are using the torches of five different manufacturers. This gives the welder a chance to become acquainted with the advantages and disadvantages of the torches.

There were welders in these classes who came into the school for instruction in the welding of aluminum, stellite, monel metal.

As all instruction is individual, each man can get just the sort of work he wants.

SHEET METAL DRAFTING

This course is operated for tradesmen, and instruction is given in both elementary and advanced sheet metal drafting.

Evening Classes for Women

The Evening Practical Art classes for women are open to women over sixteen years of age who live in New Bedford or any of the surrounding towns; the expense of this work being taken care of jointly by the city and state.

Registration is taken each year in September and the classes open in October continuing for twenty weeks.

These classes are conducted in the Vocational School building and several other centers throughout the city.

Instruction is given in the following subjects: dressmaking, children's clothes, millinery, foods, food and nutrition, home nursing and home decoration. The classes for mothers in the selection and making of children's clothes have been very popular this year. Special attention is given to simple design and suitable material for children's wear from infancy to fourteen years of age. The pupils in the sewing, children's clothes, millinery and home decoration classes bring their own materials, while the cost of the raw materials in the food classes is divided among the pupils. Much attention is given to the essentials of good home decoration such as the importance of line, color combination and arrangement of furniture. The home decoration course is offered, using the non-progressive unit system allowing pupils to select work which meets their special requirement.

The growing interest in the study of Foods is shown in the increased number of classes formed this past year.

The modern home-makers are realizing the value of this work in planning and carrying on their homes. Practical experience together with menu planning and study of food values make this course of great benefit to every member of the family.

The course in food and nutrition which is being given is a valuable addition to the evening school courses. The outline embraces a study of foods and the factors that must be considered in selecting an adequate diet with a view to enabling those interested to make a choice of food suitable to their needs and those under their care.

The American Red Cross Text book on Food Selection is used.

The nutrition program of the American Red Cross is essentially an educational program. The aim today in public health is pre-eminently preventative, so nutrition is now recognized as having an important part in community welfare. It makes more effective the work of the doctor and other health workers, by offering its portion of specialized supplemental facts, that the instructor has spent years in acquiring.

For those who complete the requirements of this course a Red Cross certificate is awarded.

Regular outlines of work prepared by the supervisors and approved by the State are followed in all courses except the home nursing and food and nutrition where the Red Cross outline is used.

Certificates are awarded to pupils completing satisfactorily three years' work in home decoration, dressmaking, millinery and foods. A Red Cross certificate and also a diploma from the school are given to pupils completing the prescribed course in home nursing and in food and nutrition.

Teachers for these courses are selected from the best trade women and are required to be in contact with their trade so that their work may be kept up to date in every way. They are required to take a teacher-training course which deals with methods of teaching and class room management. It is also a requirement that an approved course in some subject be completed each year for their professional improvement, preferably at the summer session of Fitchburg Normal School.

During the last two years afternoon classes have been much in demand; these classes meet only one afternoon each week for three and one-half hours, while the evening classes meet twice a week for two hours each. Each class continues for twenty consecutive weeks, making a total of seventy hours for the afternoon classes and eighty hours for the evening classes. Afternoon classes are conducted in dressmaking, millinery, children's clothes, and home decoration only; suitable rooms for foods and home nursing are not available afternoons.

Graduating Exercises

The graduating exercises of the Evening Practical Arts Department were held on the evening of March 20, 1931, in the High School Auditorium.

The exercises of the Day School were held on Friday evening, June 19, 1931, in the High School Auditorium.

EVENING PRACTICAL ARTS

PROGRAM

MARCH—"The Fox Trail" Zamecnik
Vocational School Orchestra

PRAYER
Rev. William B. Geoghegan

SELECTION—"Underneath the Stars" Spencer
Vocational School Orchestra

GREETINGS FROM STATE DEPARTMENT OF EDUCATION
Miss Caroline H. Wilson
Assistant Supervisor Household Arts Education

ADDRESS—"Do the Next Thing"
Mrs. Caroline H. Wilson

SELECTION—"Only a Smile" Armand
Vocational School Orchestra

PRESENTATION OF RED CROSS CERTIFICATES
Mr. Curtis Pierce
New Bedford Representative American National Red Cross

PRESENTATION OF DIPLOMAS
Mr. Edgar B. Hammond
Chairman Board of Trustees

AMERICA
Vocational School Orchestra

LIST OF GRADUATES

DRESSMAKING

Arruda, Mary R.
Augusta, Maria J.
Bessette, Helen F.
Blossom, Mabell
Borges, Olivia
Boucher, Aurore C.
Boucher, Estelle R.
Bozek, Jennie
Bradley, Margaret
Brightman, Charlotte B.
Brown, Flora E.
Cardoza, Hortense
Champagne, Rollande Bertha
Charbonneau, Josephine
Clark, Rose
Correia, Jennie
Correia, Laurinda
Cote, Jeanne Blanche
Cournoyer, Blanche A.
Davignon, Blanche M.
Davis, Gladys
DeCouto, Mary
Devine, Barbara
Drisdell, Eva Marie Rose
Fronczek, Sophie Helen
Fronczek, Victoria Anna
Gaspar, Deolinda Mildred
Graham, Minnie
Guest, Violet Alice
Joseph, Mabel Cecil
Kiluk, Alexandra
Lacasse, Lucie A.
Lacasse, Yvette A.
Lake, Eileen Mae
Lake, Mary Roderick
Lamontagne, Alpheda
Landry, Euphemie
Lewis, Ella
London, Libby
Luiz, Gertrude S.
Macdonald, Lillian
Martin, Mary
Martin, Mary Castro
Massa, Mary J.
Medeiros, Anna
Medeiros, Elsie Simmons
Medeiros, Mary
Mello, Mary P.
Methe, Cecile
Nicholas, Rose
Nobre, Mary Doris
O'Donnell, Catherine
Oliveira, Helen
Patykula, Alice
Pimental, Sophie
Price, Evelyn Clara
Reynolds, Ina
Rezendes, Mary M.
Rezendes, Rose M.
Roderick, Anna Sylvia
Roza, Mary Grace
St. Pierre, Antoinette
Settele, Clara
Silvia, Mary
Sivik, Stasia T.
Stec, Alice Marie
Smith, Ellen
Souza, Virginia Berry
Sullivan, Isabelle
Tatro, Mary ouise
Valente, Carmen Augusta
Vercellone, Louise Rose
Zawisza, Gladys Sophie
Ziemba, Katherine Mary

FOODS AND NUTRITION

Allard, Louise G.
Balloch, Grace F.
Berube, Josephine
Blackledge, Margaret
Bonney, Rose
Bowen, Lillian V.
Bragga, Edna
Campos, Mary
Desjardins, Marie L.
Dewhurst, Nellie
Drisdell, Eva
Eldridge, J. Irene
Fachado, Anna
Feeley, Harriet
Garlington, Florence
Gilman, Jennie
Gladu, Cecelia
Gregory, Ada
Harrington, Helen C.
Hatfield, Edith
Holden, Ellen
Kershaw, Florence
Langlois, Elizabeth
MacDonald, Nellie
McCann, Mary M.
Mitzen, Mary
Munroe, Cecelia
Munroe, Mary A.
Murphy, Margaret G.
Neary, Alice
Ousey, Sadie
Papioannou, Jennie
Raymond, Louisa
Reardon, Helen
Redfearn, Alice
Reed, Elsie C.
Roe, Eloise S.
Seguer, Henrietta
Swan, S. Ellen
Travers, Mary
Wilde, Alice C.
Ziemba, Katherine

CHILDREN'S CLOTHES

Baines, Sarah E.
Dury, Ann
Dutra, Anna

HOME DECORATION

Bear, Hilda
Carver, Anna Louisa
Crompton, Elizabeth
Crowley, Catherine E.
Goulart, Rose
Hassey, Connie
Hynes, Agnes
McGuinn, Elizabeth
Pacheco, Mary Lourdes
Sanders, Gladys
Shkolnick, Antoinette L.

FOODS

Albin, Annie
Baptiste, Palmira
Blechinger, Ethel
Britto, Beatrice
Correia, Mary J.
Fournier, Clara Agnes
Goulart, Isabel
Harrison, Isabella
Holsgrove, Alice A.
Kaye, Florence
Mailloux, Imelda
Perry, Mary C.
Perry, Mary J.
Pinard, Yvonne A.
Rodgers, Hannah
Thompson, Elizabeth A.
Turner, Clara
Welch, Ellen
Woollam, Anne Isabelle

HOME NURSING

Allard, Louise
Balloch, Grace F.
Banning, Zillah
Befuhs, Margaret
Blackledge, Margaret
Bogas, Stella
Bonney, Rose
Bowen, Lillian V.
Brady, Mary Ann
Browne, Rebecca
Burding, Hilda M.
Campos, Mary
Cassidy, Jennie E.
Clancy, Catherine
Craig, Alice M.
Crook, Margaret Alice
Crossland, Alice
Davis, M. Gladys
Downey, Catherine
Doyle, Harriet
Drisdell, Eva
Fachardo, Anna
Fachardo, Laura
Feeley, Helen
Fernandes, Anna
Fernandes, Margaret
Frey, Essie
Garlington, Florence
Gibson, Alice M.
Gilmore, Helen
Gregory, Angeline
Hardy, Mary E.
Harkins, Margaret
Harrington, Helen C.
Hassey, Connie
Hickey, Cecelia
Houle, Blanche
Jenks, Jane M.
Joseph, Elsie
Kelley, Catherine
King, Marie
Langlois, Elizabeth
Latham, Mary
Le Blanc, Annette
Lewis, Ella
Longpre, Rita
MacDonald, Nellie
Magnant, Malvina
Mandell, Isabel W.
Marion, Marie Louise
McCann, Mary
Munroe, Cecelia
Munroe, Mary A.
Murphy, Elizabeth E.
O'Rourke, Elizabeth
Ousey, Sadie
Papaioannou, Jennie
Paton, Agnes
Polar, Cecelia D.
Prairie, Lillie M.
Raymond, Louise
Reardon, Helen
Reddy, Harriet
Redfearn, Alice
Reed, Elsie C.
Reilly, Margaret
Robbins, Catherine A.
Robinson, Beatrice
Roe, Eloise S.
Santos, Georgiana
Santos, Mary
Seguer, Henrietta
Stephenson, Melissa
Sullivan, Kate
Swan, S. Ellen
Tomlinson, Agnes
Travers, Mary
Walker, Kate
Wilde, Alice
Wiley, Mary E.
Wilks, Ruth H.
Williams, Florence
Worden, Ida
Ziemba, Katherine

Day Vocational School

PROGRAM

MARCH—"The Fox Trail" Zamecnic

New Bedford Vocational School Orchestra

INVOCATION

Rev. Leslie C. Greeley

OVERTURE—"The White Queen" Metra

Orchestra

ADDRESS OF WELCOME

Mr. William R. Mackintosh
Director New Bedford Vocational School

BOHEMIAN DANCE Englemann

Orchestra

ADDRESS

Professor Erwin H. Schell
Department of Business and Engineering Administration
Massachusetts Institute of Technology

PRESENTATION OF DIPLOMAS

Mr. Edgar B. Hammond, Chairman
Board of Trustees, New Bedford Vocational School

AMERICA First and Third Verses

Audience and School

EXIT MARCH—"American Youth" Caner

GRADUATES, 1931

ELECTRICAL DEPARTMENT

Charles Gordon Bennett
John Patrick Gilmore, Jr.
Joseph Gomes, Jr.
Thomas Greenwood, Jr.
John Frank Grochmal
Joseph Frank Grohde
Charles Richard Gurney
Zygmunt Walter Janiak
Wilfred Ellsworth Lawton
Donald Mitchell Lloyd
Zacharia Pereira
Gordon Roberts

CARPENTRY DEPARTMENT

Edward Alberski
Earle Edward Cartwright
William George Chapell
Walter Gerwatowski
Harold Hardy, Jr.
Joseph John Kaczorowski
Anthony DeCosta Lawrence
Saulte Perry
Albert Aldo Dannui Rolli
Joseph Walter Widuch

MACHINE DEPARTMENT

Everett Clifford Bates
Harry Fleish
Maurice Gracia Viera

AUTOMOBILE DEPARTMENT

Edmund Buba
Milton Drazen
Chesro Govoni
Mitchell Stanley Kut
Harry Clifford Marsland
Hugh Coyle Miller
Charles John Pires
Elmer Akin Potter
James William O'Brien
Joseph Travers Roderick
Stanley Sitnick
Ivan Lawton Tripp
Manuel Perry Vincent
John Joseph Wellington

HOUSEHOLD ARTS DEPARTMENT

Margaret Mary Barry
Dorothy Patricia Dowd
Helen Patricia Duffy
Helen Catherine Kogut
Helen Angela Kosiba
Margaret Mary Mahoney
Mary Josephine Manning
Gertrude Laurene Methe
Madeline Oliver
Elsie Pendlebury
Annette Blanche Rivet
Kathleen Annetta Stevens
Jennie Casamira Szczygiel
Evelyn Ellis Vaughan
Dorothy Edna Westgate

CITY OF NEW BEDFORD, MASS.

Sixty-Second Annual Report

OF THE

NEW BEDFORD WATER BOARD

TO THE

CITY COUNCIL

CONTAINING

I

THE REPORT OF THE WATER BOARD

II

THE REPORT OF THE WATER REGISTRAR

III

THE REPORT OF THE SUPERINTENDENT

For Year Ending November 30, 1931

NEW BEDFORD WATER BOARD

1932

Charles S. Ashley	*Mayor of City and* *President of Water Board*
John L. Almond	*President of Common Council*
James O. Thompson, Jr.	Term expires June 1932
William D. Hamel	Term expires June 1933
Thomas F. Glennon	Term expires June 1934

Stephen H. Taylor	*Clerk of Board and Supt.*
Howard C. Mandell	*Engineer*
Alfred Bradley	*Water Registrar*
George F. Burgess	*Chief Pumping Engineer*
John C. DeMello, Jr.	*Foreman, Distributing System*
E. Maude Butts	*Clerk*
Dorothy A. Estner	*Clerk and Stenographer*
Elsie W. Clare	*Clerk and Stenographer*
Warren Tattersall	*Water Registrar's Clerk*
Lester F. Spooner	*Water Registrar's Clerk*
Wendell M. Hardy	*Inspector and Clerk*
Arthur F. Colwell	*Inspector*
Thomas Rawcliffe	*Inspector*
Robert G. Refuse	*Inspector*
Justin C. Perkins	*Inspector*
Peter Carter, Jr.	*Inspector*
Romeo Langlois	*Inspector*
Wm. S. Boyle	*Inspector*
Edward A. Welch	*Inspector*

City of New Bedford, Mass.
Office of New Bedford Water Board,
December 31, 1931.

To the City Council of the City of New Bedford:

Gentlemen:—In compliance with the provisions of Section 91, of the City Ordinances, the New Bedford Water Board herewith presents its Sixty-Second Annual Report; it being for the year ending Nov. 30, 1931.

Accompanying and incorporated with it are the reports of the Water Registrar and of the Superintendent for the same period. You are referred to the Water Registrar's report for detailed financial statement and to the Superintendent's report for detailed account of the operations of the department for the year.

On June 11th, you re-elected Mr. Thomas F. Glennon a member of this Board for a further term of three years.

ADDITIONAL SUPPLY, ACTS 1924.

Mrs. Adrian P. Cote, formerly Mrs. Mary Howard, has accepted the clause in her deed which permitted her to take a life lease of the property on Pocksha Pond, that she sold to the City in 1928. She has paid the amount specified in the deed; viz., $1,025.00, therefor.

The buildings on the property located on the Assawompsett water shed, purchased from Mrs. Lumina Allen were destroyed by fire on October 12th.

These buildings were insured, the premiums having been paid by Mrs. Allen. The sum of $2,600, has been paid this department by the Insurance Company. In accordance with the terms of the agreement this amount is to be paid to Mrs. Allen for the purpose of rebuilding on the premises. The sum of $340, has already been paid to her and the balance of the $2,600, will be paid as the work of rebuilding progresses.

The following is a brief statement of the financial operation on this account:

Balance, December 1, 1930	$29,240.70
Received from Mrs. Cote (Life Lease)	1,025.00
Received from Insurance Co. (Fire Loss)	2,600.00
	$32,865.70
Paid Mrs. Allen on acct. of fire loss	340.00
Balance Nov. 30, 1931	$32,525.70

SECOND FORCE MAIN

About 1976 ft. of the 48-inch Cast Iron force main has been laid this year, which brings the present terminus to the track of the N. Y., N. H. & H. R. R. at Braley's. There remains on hand about 300 ft. of pipe which it is planned to lay during the coming year, if funds are available.

We would recommend that sufficient bonds be issued to complete this line to High Hill Reservoir. This will require approximately $500,000, and to do the work with our present equipment will take from two to three years.

The following abstract from the Water Registrar's report shows in condensed form the financial operations of the department in connection with the maintenance and ordinary extensions for the year;

Full details will be found in his report which accompanies this.

First, based on budget system

RECEIPTS

Budget appropriation		$260,000.00
Service transfers		9,905.08
		269,905.08
Expenditures	$256,873.73	
City Council transfers	11,500.00	268,373.73
Returned to General Fund Dec. 1, 1931		1,531.35

Second, based on receipts and expenditures

RECEIPTS

Receipts from water, meter rentals and shut off charges	$356,227.65	
Receipts from other sources	12,699.64	$368,927.29

EXPENDITURES

Management and repairs, including bonds and interest	$336,973.30		
Extensions	48,794.18		
		385,767.48	
Deficit December 1, 1930		10,537.16	396,304.64
Deficit December 1, 1931			$27,377.35

The total outlay for the construction of these works exclusive of debt, interest and management and repairs account through 1930 was $6,455,676.60

INCREASE 1931

	Payments	Credits	Net	
Distribution	$48,794.18	$6,046.25	$42,747.93	
Bond Account	340.00	3,625.00	Cr. 3,285.00	
	$49,134.18	$9,671.25	$39,462.93	$39,462.93

Actual outlay to December 1, 1931 $6,495,139.53

The following is a statement of receipts and expenditures for the past twenty-six years.

RECEIPTS AND EXPENDITURES SINCE 1906

Year	Receipts for Water	Total Receipts	Maintenance Interest and Bonds	Extensions Paid from Regular Receipts	Extensions Paid from Bond Account	Diverted by City Council and City Auditor	Total Expenditures	Balance 1st of Year
1906	$199,406.32	$213,529.07	$167,442.72	$39,519.01			$206,961.73	$37,316.64
1907	212,589.72	231,637.20	174,567.77	68,169.57			242,737.34	43,883.98
1908	218,803.17	236,417.31	179,886.32	52,111.50			231,997.82	32,783.84
1909	220,008.54	242,670.82	176,447.78	59,286.75			235,734.53	37,203.33
1910	244,203.79	267,420.31	157,654.08	89,542.43			247,196.51	44,139.62
1911	269,365.83	*677,198.07	188,365.39	125,269.28	$387,138.05		*700,772.72	64,363.42
1912	265,103.14	*460,166.32	211,692.69	86,237.65	162,914.20		*460,844.54	40,788.77
1913	288,350.02	*317,101.14	227,207.44	89,128.38	7,026.44	$38,483.43	*323,362.26	40,111.55
1914	303,487.60	*331,265.21	230,997.75	85,222.87	6,169.52		*322,390.14	—4,634.00
1915	304,717.29	343,938.79	241,709.76	80,897.97			322,607.73	4,241.07
1916	336,878.45	371,973.52	239,667.78	125,057.68			364,725.46	25,572.13
1917	360,958.00	398,067.15	267,278.78	128,061.32			395,340.10	32,820.19
1918	371,429.86	396,704.43	293,000.50	69,221.04		30,000.00	362,221.54	35,547.24
1919	375,758.66	406,481.37	272,087.60	70,504.17			342,591.77	40,030.13
1920	400,846.11	*446,260.50	307,199.41	130,123.94	163,030.76		*600,354.11	103,919.73
1921	346,799.64	*948,723.92	323,350.45	130,299.65	377,260.27		*830,910.37	—50,173.88
1922	377,217.42	*529,619.63	366,516.98	143,877.69	121,503.08	7.29	*631,897.75	67,639.67
1923	416,765.00	*569,841.70	368,596.61	57,529.47	73,523.39	2.24	*499,649.47	—34,645.74
1924	387,378.60	*678,469.34	383,236.15	89,256.15	223,822.03	24.50	*696,314.33	35,544.25
1925	403,136.09	*518,536.57	379,882.77	56,432.70	53,663.98		*489,979.45	17,674.76
1926	394,991.80	*565,093.48	358,581.28	57,736.76	130,811.69	.66	*547,129.73	46,231.88
1927	390,466.28	*479,710.35	375,586.71	53,213.46	62,311.63	17.11	*491,111.80	64,194.97
1928	352,731.10	*380,063.87	354,490.74	95,521.03	2,640.00	14.51	*452,651.77	52,776.41
1929	373,362.64	395,100.05	347,316.99	43,039.72		2.25	390,356.71	—19,826.00
1930	366,864.00	*586,578.78	340,881.88	41,167.60	200,000.00	1.55	*582,049.48	—15,064.91
1931	356,227.65	*369,231.29	336,973.30	48,794.18	340.00		*386,107.48	—10,537.16
								—27,377.35
Totals	$8,537,846.72	$11,361,856.19	$7,270,519.63	$2,115,261.97	$1,972,155.04	$68,553.54	$11,357,996.64	

*Includes receipts and expenditures on Bond accounts as follows:

Chapter 202 Acts of 1909	$250,836.65
Chapter 65 Acts of 1911	151,391.78
Chapter 75 Acts of 1912	161,019.78
Chapter 232 Acts of 1921	676,110.81
Chapter 65 Acts of 1923	350,493.15
Chapter 400 Acts of 1924	182,302.87
2nd Force Main, 1930	200,000.00
	$1,972,155.04

Because of the reduced amount allowed this department in the budget this year, it became necessary to suspend thirteen laborers, who had been working on the water shed.

The revised salary schedule recommended by you was adopted; effective from and after June 1st.

The agreement with the Town of Acushnet for furnishing water to that town has been renewed for a further term of five years. The terms are the same as heretofore, except that the sliding scale of rates, adopted May 25, 1929, replaces the old schedule.

All outstanding special rates have been discontinued, and the regular sliding scale of rates substituted.

Thomas Rawcliffe, Jr., meter reader, resigned May 9th.

Under authority of the Civil Service Commissioner, Mr. Edward A. Welch was provisionally appointed to fill the vacancy. Mr. Welch was subsequently certified after passing the Civil Service examination, and has been regularly appointed as meter reader.

Mr. Justin C. Perkins, meter reader, requested and was granted six months leave of absence. Mr. Charles Bowden has been selected from the Civil Service list of eligibles to fill his place for that time.

The demand for extensions of main pipe lines and for new services continues to be small. Two petitions for main pipe extensions have been received and granted.

POPES ISLAND SUPPLY

In 1924 a 6-inch submarine pipe was laid from Fish Island to Popes Island at a cost of $16,692.06. This was laid at elevation-30 M.L.W. or 5 ft. below the channel bottom. This year the Federal Government decided to dredge the channel to elevation-30 M.L.W. and it became necessary to relay the pipe at elevation-35 M.L.W.

A new location was chosen south of the center pier;—

1st, because the expense of laying a pipe through the center pier was excessive.

2nd, in order to avoid interrupting the supply to Popes Island.

It was also decided to lay 8-inch pipe instead of 6-inch with the idea that eventually the larger pipe would be needed to furnish an ample supply to the Island.

Negotiations were made with the Great Lakes Dredge & Dock Co., who had the contract for dredging the channel, for doing the necessary dredging for the pipe, but on account of the size of their outfit they were unable to work in the shallow water either side of the channel. Their bid for doing the dredging across the channel was $7,500. A bid of $5,000 was received from Frank C. Taylor of New Bedford, General Contractor, for the same work.

A contract was made with Frank C. Taylor for dredging, backfilling and furnishing the necessary diver and outfit for laying the pipe under the river as follows:

For dredging across channel	$5,000.00
For dredging between channel and bulkheads at Fish and Popes Island........	3,500.00
For backfilling all trenches	3,500.00
For laying pipe	$1.50 per ft.

As the N. E. Telephone & Telegraph Co. utilized that part of the trench which crosses the channel for their cables, they paid half the cost of that part of the work, which was $2,500.

The entire cost of the work including connection at both ends, made by this department was as follows:

Total length, 1026 ft. mostly DeLavaud pipe.

	Total	Per ft.
Pipe	$ 875.88	$ .85
Special Castings	173.79	.17
Gates and boxes	101.00	.10
Lead	61.50	.06
Gasket	7.20	.01
Carting	15.00	.01
Labor	919.10	.90
Miscellaneous Materials	189.26	.18
Contract F. C. Taylor	10,948.85	10.67
	$13,291.58	$12.95

The old 6-inch pipe crossing the channel was removed in the process of dredging and the remainder of the pipe was left in place, as the cost of removing it would be more than the value of the pipe removed.

On July 1st, a contract was made by the Clerk of Committees with David Duff & Son for 2625 Tons of Pocahontas Coal. The greater part of this is for use at Quittacas Pumping Station. About 1630 tons have already been delivered.

The following are the principal contracts that have been made during the year:

Date 1930	Contractor	Supply	Consideration
Dec. 19	U. S. Pipe & Fdy. Co.	Centrifugally Cast Cast Iron Pipe	8″ pipe $ .76½ per ft. 6″ pipe .54 per ft.
1931			
Jan. 16	A. E. Coffin Press	Printing Report	$210.00
Feb. 27	J. Clifford Sherman	Studebaker Sedan	$900 and 1925 Studebaker Coach
Mar. 3	U. S. Pipe & Fdy. Co.	Special Castings	$60 per Ton
Apr. 3	Frank C. Taylor	Dredging trench and laying 8-inch pipe under river	Dredging and Refilling Trench $12,000.00 Laying pipe $1.50 per ft.
Oct. 30	J. Clifford Sherman	Studebaker Coupe	$1,000 and Studebaker Coach

In closing we wish to express our appreciation of your cooperation during the year.

Respectfully submitted,

CHARLES S. ASHLEY,
BERNARD C. McCABE,
JAMES O. THOMPSON, JR.
WILLIAM D. HAMEL,
THOMAS F. GLENNON,
New Bedford Water Board.

REPORT OF THE WATER REGISTRAR

City of New Bedford,
Water Registrar's Office,
December 1, 1931.

To the New Bedford Water Board:

Gentlemen:—I herewith present to you a detailed statement of the receipts and expenditures of the Water Works Department for the year ending November 30, 1931.

This Report is based on expenditures vs. budget and also on receipts and expenditures as previously.

This year the amount paid for interest and principal on bonds was not included in the Budget. This amount was paid by the City Treasurer without passing through the Water Works Budget.

First, Based on Budget System

Appropriation		$260,000.00
Service transfers		9,905.08
		269,905.08
Expenditures	$256,873.73	
City Council transfers	11,500.00	268,373.73
Returned to General Fund December 1, 1931		$1,531.35

Second, Based on Receipts and Expenditures as previously

RECEIPTS

Rates:		
Under 10,000 cu. ft. per quarter	$168,338.54	
Over 10,000 and less than 100,000 cu. ft. per quarter	37,466.36	
Over 100,000 and less than 1,000,000 cu. ft. per quarter	82,512.58	
Over 1,000,000 and less than 2,000,000 cu. ft. per quarter	23,256.54	
Over 2,000,000 cu. ft. per quarter	19,470.53	
Estimated and building purposes	191.62	
Total receipts from water		$331,236.17

Meter rentals	23,623.52
Demands and shut off charges	1,367.96
Total receipts Water, Meter rentals and shut off charges	356,227.65
Miscellaneous Receipts: for detail see credits under expenditures	12,699.64
Total receipts	$368,927.29

EXPENDITURES

Deficit December 1, 1930	$10,537.16	
Expenditures	385,767.48	396,304.64
Deficit December 1, 1931		$27,377.35

EXPENDITURES IN DETAIL

Maintenance:

	Payments	Credits	Net
Supt. Dept. Salaries including general foreman	$18,498.61		$18,498.61
Water Registrars Dept. salaries	24,434.85		24,434.85
Printing, stationery, advertising, postage and other supplies	3,013.82		3,013.82
Traveling, telephone and telegrams	2,060.57		2,060.57
Liens	27.20	$8.00	19.20
	48,035.05	8.00	48,027.05

Quittacas Pumping Station:

	Payments	Credits	Net
Salaries and labor	23,716.65		23,716.65
Fuel	13,642.70		13,642.70
Oil, waste, packing and lighting	1,699.50		1,699.50
Tools and other supplies	902.85	1.60	901.25
Repairs, Steam engine	1,264.35		1,264.35
Repairs, Boilers	945.79		945.79
Repairs, Centrifugal pump and motor	4.75		4.75
Electric current, Centrifugal pump	781.20		781.20
Other repairs	1,921.11	37.11	1,884.00
Quittacas station, buildings and grounds	5,459.35	51.40	5,407.95
Miscellaneous	672.53	9.00	663.53
	51,010.78	99.11	50,911.67

Quittacas Supply:			
Source of supply including overflow, intakes, etc.	5,666.29	5.85	5,660.44
Source of supply, Great Quittacas dam	2,487.68		2,487.68
Lands	3,203.47	472.30	2,731.17
Forestry	9,254.75	180.00	9,074.75
Roads, walls and fences	1,311.73	10.50	1,301.23
Patrol of watershed	1,645.68		1,645.68
Buildings	1,868.71	288.50	1,580.21
Railroad	860.90		860.90
48" Steel force main	702.13		702.13
High Hill reservoir	2,762.97		2,762.97
48" Cast Iron force main	15.49		15.49
	29,779.80	957.15	28,822.65
Mains:			
Main pipe	371.26	6.30	364.96
Relaying Bridge pipe caused by deepening Channel	12,250.05		12,250.05
Stop gates	1,476.44	16.45	1,459.99
Hydrants	804.98	326.74	478.24
Flushing and inspecting	3,345.03		3,345.03
St. Dept. repairing Streets	892.77	15.64	877.13
	19,140.53	365.13	18,775.40
Services:			
Repairing and removing	1,388.24	373.91	1,014.33
Removing and driving stop boxes	2,845.00		2,845.00
Cleaning stops, taps and pipe	1,003.99		1,003.99
St. Dept. repairing Streets	999.68	70.94	928.74
Water cart and sprinkler hydrants	15.36		15.36
Sealing fixtures and inspecting check valves	485.91	876.59	—390.68
	6,738.18	1,321.44	5,416.74
Meters	12,559.91	2,302.51	10,257.40
General Maintenance:			
Horses, carriages and autos	17,388.34	402.55	16,985.79
Labor at workshop	9,561.93	4.57	9,557.36
Materials at workshop	501.28		501.28
Fuel, lighting and power at workshop	975.64		975.64
Repairs, workshop, buildings and pipeyard	866.08		866.08
Miscellaneous	1,552.67	176.60	1,376.07
Stand pipe	71.89		71.89
	30,917.83	583.72	30,334.11

Acushnet Supply:			
Storing reservoir and surroundings and Dry Swamp Ditch	1,079.84		1,079.84
Conduit	119.76		119.76
Receiving reservoir and Purchase St. station	2,057.52	18.00	2,039.52
Mt. Pleasant distributing reservoir	34.46		34.46
	3,291.58	18.00	3,273.58
Industrial accident account	755.10		755.10
Taxes and insurance	5,850.79	998.33	4,852.46
Public debt: (not included in Budget)			
Interest	58,893.75		58,893.75
Bonds	70,000.00		70,000.00
	128,893.75		128,893.75

EXTENSIONS

Mains:			
Main pipe and special castings	$5,480.32	$ 636.69	$4,843.63
Stop gates	494.78	371.76	123.02
Hydrants		191.40	—191.40
Lead and gasket		238.68	—238.68
Tools	8,962.86	90.00	8,872.86
All other supplies	1,798.17	1,146.21	651.96
Labor	884.46		884.46
St. Dept. repairing Streets	51.28		51.28
	17,671.87	2,674.74	14,997.13
Services:			
Pipe	429.25	712.66	—283.41
Taps and stops	136.37	157.55	— 21.18
All other supplies	29.51	331.95	—302.44
Labor	1,193.40	1,282.07	— 88.67
Plumbing	1,376.15		1,376.15
St. Dept. repairing Streets	489.80	448.98	40.82
	3,654.48	2,933.21	721.27
Meters:			
Cost of meters	863.24	181.05	682.19
Cost of testing and setting	117.90		117.90
	981.14	181.05	800.09
Mill piping	358.07	257.25	100.82
2nd Force main	26,128.62		26,128.62

SUMMARY OF EXPENDITURES AND CREDITS

Management and repairs:	Payments	Credits	Net
Salaries, office supplies, telephones, telegrams, and liens	$48,035.05	$ 8.00	$48,027.05
Quittacas pumping station	51,010.78	99.11	50,911.67
Quittacas supply	29,779.80	957.15	28,822.65
Mains	19,140.53	365.13	18,775.40
Services	6,738.18	1,321.44	5,416.74
Meters	12,559.91	2,302.51	10,257.40
General maintenance	30,917.83	583.72	30,334.11
Acushnet supply	3,291.58	18.00	3,273.58
Industrial accident account	755.10		755.10
Taxes and insurance	5,850.79	998.33	4,852.46
Public debt	128,893.75		128,893.75
	336,973.30	6,653.39	330,319.91

Extensions:			
Mains	17,671.87	2,674.74	14,997.13
Services	3,654.48	2,933.21	721.27
Meters	981.14	181.05	800.09
Mill piping	358.07	257.25	100.82
Second force main	26,128.62		26,128.62
	48,794.18	6,046.25	42,747.93
Management and repairs	336,973.30	6,653.39	330,319.91
Total	385,767.48	12,699.64	373,067.84

Water receipts 1930	366,864.00
Water receipts 1931	356,227.65
Decrease in 1931	10,636.35

Received from City Departments:

Water	9,041.67
Miscellaneous	863.41
	9,905.08

Due on outstanding bills:

Water	2,980.96
Miscellaneous	4,172.82
	7,153.78

ADDITIONAL SUPPLY CHAPTER 400 ACTS OF 1924

	Payments	*Credits	
Balance December 1, 1930			$29,240.70
Lands	$340.00	$3,625.00	Cr. 3,285.00
Balance December 1, 1931			32,525.70

*These credits are from	
Mrs. Alice G. Cote for life lease	1,025.00
Rochester American Ins. Co. for fire loss at Mrs. Lumina Allens' cottage	2,600.00
	3,625.00

Total receipts and expenditures on account of Water loan Chapter 400 Acts of 1924

Amount authorized	400,000.00	
Bond issue Nov. 1, 1926		150,000.00
Bond issue Feb. 1, 1927		60,000.00
Total Bonds issued		210,000.00

	Payments	Credits	Net	
Misc. expense	$548.33		$548.33	
Lands and Buildings	112,060.36	$4,728.76	107,331.60	
Venturi meter chamber	34,030.66	99.81	33,930.85	
Nemasket River damages	35,663.52		35,663.52	
	182,302.87	4,828.57	177,474.30	
Balance December 1, 1931			32,525.70	
				210,000.00

EXPENDITURES FROM THE BEGINNING OF THE WORKS

Acushnet supply:

	Payments	Credits	Net
Dry swamp ditch and lands	$23,503.76		$23,503.76
Acushnet storing reservoir	61,470.71		61,470.71
White homestead and lands	18,845.24		18,845.24
Dam at storing reservoir	4,000.00		4,000.00
Conduit, lands, construction and Wheldon Mill property	205,391.80	$592.50	204,799.30
Purchase St. receiving reservoir	31,959.47		31,959.47
Pumpwell and Culvert	16,561.41		16,561.41
Engine house lot, Purchase St.	17,152.89		17,152.89
Engine house and coal shed	100,771.51		100,771.51
Engines, Purchase St.	81,234.47		81,234.47
Stand pipe, Mt. Pleasant	6,109.93		6,109.93
Mt. Pleasant distributing reservoir	65,292.66	2,209.76	63,082.90
	632,293.85	2,802.26	629,491.59

Quittacas supply:			
Lands around ponds	147,696.04		147,696.04
Dam at Pocksha Pond	26,020.70		26,020.70
Quittacas pumping station, pumpwell, engines, intake, gatehouse, connection between Quittacas ponds	372,672.73		372,672.73
Second intake	212,618.87		212,618.87
Engineers house	9,568.51		9,568.51
Telephone lines	2,168.64		2,168.64
Railroad locomotive and cars	73,631.64		73,631.64
48″ Steel force main, lands and power gate	382,367.32		382,367.32
48″ Cast Iron force main	550,080.84		550,080.84
High Hill reservoir	181,405.06		181,405.06
Ass't chief engineers house	7,521.19		7,521.19
	1,965,751.54		1,965,751.54
Additional supply from Pocksha and Assawampsett ponds:			
Misc. expense	548.33		548.33
Lands and buildings	112,060.36	4,728.76	107,331.60
Venturi meter chamber	34,030.66	99.81	33,930.85
Nemasket River damages	35,663.52		35,663.52
	182,302.87	4,828.57	177,474.30
Distribution etc.:			
Mains, services, hydrants and mill piping	4,643,454.24	1,045,426.48	3,598,027.76
Workshop, pipeyard and garage	125,395.59	1,001.25	124,394.34
Old workshop and land No. Water St.	6,498.75	6,498.75	
Management and repairs	5,012,423.67	205,940.08	4,806,483.59
	9,787,772.25	1,258,866.56	8,528,905.69
Public debt:			
Interest	*2,122,094.14	889.72	*2,121,204.42
Bonds	*1,225,000.00	2,408.90	*1,222,591.10
Sinking funds	751,732.00		751,732.00
	4,098,826.14	3,298.62	4,095,527.52

*Including amount paid by City Treasurer this year without passing through Water Works Budget viz:

Interest	$58,893.75
Bonds	70,000.00
	128,893.75

Acushnet Supply	632,293.85	2,802.26	629,491.59
Quittacas Supply	1,965,751.54		1,965,751.54
Pocksha and Assawampsett ponds	182,302.87	4,828.57	177,474.30
Distribution, etc.	9,787,772.25	1,258,866.56	8,528,905.69
Public debt	4,098,826.14	3,298.62	4,095,527.52
	16,666,946.65	1,269,796.01	15,397,150.64

The receipts from the commencement of the Works have been as follows:

Appropriations by City Council 1888 and previous		$1,038,000.00
Further supply		1,316,639.60
Duplicate supply main 1910		250,836.65
Special extensions 1911		151,391.78
Special extensions 1912		161,019.78
48″ Cast Iron force main 1921 and 1930		900,246.14
Second intake		350,493.15
Additional supply 1924		182,302.87
Receipts from water, meter rentals and charges		11,092,225.43
Receipts from other sources		1,264,967.44
		16,708,122.84
Less used by City Council 1913	$38,483.43	
Less used by City Council 1918	30,000.00	
Diverted by City Auditor 1922 to 1930	70.11	68,553.54
		16,639,569.30
Deduct total outlay		16,666,946.65
Deficit December 1, 1931		27,377.35

Outlay		16,666,946.65	
Less credits		1,269,796.01	15,397,150.64
Management and repairs	5,012,423.67		
Less credits	205,940.08	4,806,483.59	
Interest	2,122,094.14		
Less credits	889.72	2,121,204.42	
Bonds	1,225,000.00		
Less credits	2,408.90	1,222,591.10	
Sinking funds		751,732.00	8,902,011.11
Actual cost of Works			6,495,139.53

Water receipts		11,092,225.43
Less management and repairs	4,806,483.59	
Debt, Interest and Sinking funds	4,095,527.52	
Used by City Council	68,483.43	
Diverted by City Auditor	70.11	8,970,564.65
Water receipts applied to construction		2,121,660.78

The funds for the construction of these Works have been derived from the following sources:

Investment of Sylvia A. Howland bequest	100,000.00
Sylvia A. Howland Education bequest	100,000.00
Received from sale of bonds 1888 and previous	815,000.00
Appropriation for construction 1885	23,000.00
Net receipts applied to construction	2,121,660.78
Net proceeds Further supply bonds	1,316,639.60
Net proceeds Duplicate supply bonds 1910	250,836.65
Net proceeds Special extension bonds 1911	151,391.78
Net proceeds Special extension bonds 1912	161,019.78
Net proceeds 48" Cast Iron force main bonds 1921 and 1930	900,246.14
Net proceeds 2nd Intake bonds 1923	350,493.15
Amount used for Add. supply Chap. 400 Acts of 1924	177,474.30
	6,467,762.18
Deficit December 1, 1931	27,377.35
Net cost of works	6,495,139.53

Respectfully submitted,

ALFRED BRADLEY,
Water Registrar.

The water debt at this date is as follows:

Under annual payments	When issued	Amount issued	Rate	Annual payments	Amount due
Duplicate Supply Main Chap. 202 Acts 1909	June 1, 1910	$150,000.00	4%	$5,000.00	$45,000.00
Duplicate Supply Main Chap. 202 Acts 1909	Sept. 1, 1910	75,000.00	4%	3,000.00	27,000.00
Special Extensions Chap. 66 Acts of 1911	May 1, 1911	150,000.00	4%	5,000.00	50,000.00
Special Extensions Chap. 75 Acts 1912	May 1, 1912	160,000.00	4%	1928 to 1937 5,000.00 1938 to 1942 4,000.00	50,000.00
48″ C. I. Force Main Chap. 232 Acts 1921	May 1, 1921	500,000.00	5¼%	1922 to 1941 17,000.00 1942 to 1951 16,000.00	330,000.00
48″ C. I. Force Main Chap. 232 Acts 1921	Nov. 1, 1921	200,000.00	4¾%	1922 to 1941 7,000.00 1942 to 1951 6,000.00	130,000.00
2nd Intake Little Quittacas Chap. 65 Acts 1923	Apr. 1, 1923	200,000.00	4%	1924 to 1943 7,000.00 1944 to 1953 6,000.00	144,000.00
2nd Intake Little Quittacas Chap. 65 Acts 1923	Mar. 1, 1924	150,000.00	4¼%	5,000.00	115,000.00
Additional Supply Chap. 400 Acts 1924	Nov. 1, 1926	150,000.00	4%	5,000.00	125,000.00
Additional Supply Chap. 400 Acts 1924	Feb. 1, 1927	60,000.00	4%	2,000.00	52,000.00
Second Force Main 1930	Apr. 1, 1930	200,000.00	4%	8,000.00	192,000.00
					$1,260,000.00

There remains unpaid interest for 1931 $463.75........Coupons not presented.

REPORT OF SUPERINTENDENT

New Bedford Water Works,
Superintendent's Office,
December 1, 1931.

To the New Bedford Water Board:—

Gentlemen:—The Sixty-second Annual Report of your Superintendent for the year ending November 30, 1931, is herewith respectfully submitted.

Through the courtesy of Mr. Arthur D. Weston, Chief Engineer of the State Dept. of Public Health, the results of monthly analyses of samples of water from the Lakeville Ponds, which are our source of supply, are incorporated in this report. These show that the quality of the water continues to be excellent.

Copies of the rainfall records at Little Quittacas Pumping Station in Lakeville and at Long Plain Storing Reservoir in Acushnet, as well as various tables showing in detail the work of the department are also appended.

The ponds and High Hill Reservoir froze over earlier than usual last winter and remained frozen for an unusually long period. As a result of this and the semi-annual "turnover", the water had a noticeable taste and odor in the early part of March which resulted in many complaints from water takers. The extreme drought of the previous summer was also partly responsible for this trouble. Analyses by the State Dept. of Public Health showed that the trouble was caused by the presence of microscopical organisms, known as Dinobryon, of the Infusoria group. We were assured that this organism was not injurious to health.

An unusually large amount of water was wasted by flushing the mains and cleaning High Hill Reservoir in an effort to eliminate the trouble as soon as possible.

Undoubtedly the trouble can be considerably reduced in the future by carrying out the recommendation which has been made in annual and special reports for the past few years for improving conditions in the swamps surrounding Black Brook, which is the principal source of supply to the Quittacas Ponds.

Since the beginning, in 1925, of our program of draining the swampy area adjoining the ponds, there has been a very marked improvement in the color of the water delivered to High Hill Reservoir. The average of more than 500 color determinations made at regular intervals during the past 32 years by the State Dept. of Public Health from samples collected in Little Quittacas Pond is .29 on their color scale where 1.00 is a yellowish brown tint. The average of 60 such determinations made during 1930 and 1931 is .16, which shows that the color has been reduced almost halfway from its former state to the ideal condition of perfect whiteness.

The improvement noted is confined to the water of Little Quittacas, since this is the only pond which has received thorough treatment of swamp drainage. There is a smaller improvement in the water of Great Quittacas, but the amount of drainage completed on this pond is so small in comparison with that which remains to be done in the Black Brook swamp that it serves merely to emphasize the value of further work in this area.

The cut-off between Great Island and the south shore of Great Quittacas Pond is nearing completion. This obstruction to the direct flow of Black Brook water across Great Quittacas to the inlet of Little Quittacas Pond will divert the heavy, highly colored storm discharges of Black Brook into Pocksha Pond; and in times of normal flow, will increase the circuit of this water more than a mile, thus providing nearly double the time for storage with its attendent bleaching and settling action.

I respectfully renew my recommendation for obtaining the necessary property rights and continuing the ditching of the swamps adjoining Black Brook.

The rainfall as recorded at Quittacas Pumping Station, full details of which appear in Table F, was 47.14 inches. This is 9.90 inches more than last year, and 2.245 inches more than the average for the past thirty-seven years.

The water level in Pocksha Pond has varied from 48.40 on Dec. 10, 1930 to 51.48 on April 8, 1931. The present elevation is 49.49, and the average for the year was 50.28.

The water level in Great Quittacas Pond has varied from 48.34 on Dec. 10, 1930 to 51.45 on April 8, 1931. The present height is 49.55 and the average for the year was 50.26, one foot higher than last year's average.

From Dec. 1, 1930 to March 4, 1931, Great Quittacas remained slightly lower than Pocksha Pond, and 190,480,000 gallons of water were drawn from Pocksha. From March 4 to August 12, Great Quittacas was higher than Pocksha and 153,840,000 gallons of Quittacas water were wasted into Pocksha through the Venturi meter, plus an estimated amount of 50,000,000 gallons over the waste way dam. From August 4 to Nov. 30, Pocksha was again higher than Great Quittacas and 344,250,000 gallons were drawn from Pocksha. During the year, the excess drawn from over the amount wasted into Pocksha was 331,000,000 gallons.

The elevation of Little Quittacas Pond has varied from 46.80 on April 15, to 48.27 on June 10. The present height is 47.53 and the average for the year was 47.59. The water level in this pond is regulated by a valve in the connection to Great Quittacas Pond. It is kept lower than the other ponds in order to keep the water from standing in the surrounding swamps and absorbing a swampy taste, odor and color.

FORESTRY

The forestry work this year has consisted principally of pruning and weeding. The only planting has been the transplanting of some small trees dug up alongside of roads and in places where a thick natural growth has started. Work has been continued maintaining and extending fire lines between main highways and our forests. The daily patrol of the watershed by our own employee and by the State Police has been maintained.

QUITTACAS PUMPING STATION

The pumping equipment at this station continues to operate efficiently with very little expense for repairs. Details of pumping will be found in Tables I, J, K, L, and the Water Registrar's report shows details of cost.

RAILROAD

The railroad connecting Quittacas Pumping Station and the main line of the N. Y., N. H., & H. R. R. at Braley's has been kept in good repair at moderate expense. It was used for hauling coal to the pumping station and in connection with the work of laying the new 48-inch cast iron force main.

FORCE MAINS

The 48-inch steel main, which has been in service since 1899, is still in fair condition and no leaks have developed in it. Examinations which have been made from time to time however, show considerable tuberculation and pitting, which warns us that work should be pushed to completion on the new 48-inch cast iron force main as rapidly as possible.

48-INCH CAST IRON FORCE MAIN

Work on the extension of the 48-inch cast iron force main has been carried forward throughout the year. During the winter and spring the fill over the portion laid last year in Bolton Cedar swamp was completed. The total amount of backfill material required to cover the main across the swamp was 56,000 cubic yards, of which 42,000 yards was hauled by locomotive and dump-cars from our gravel pit on the force main between Beaver Dam and Morton's Corner. The balance, or 14,000 yards, was hauled from the stretch between the swamp and Braley's Station, where excavation for the new main was about 16 feet deep.

During the summer, the laying of 1,976 feet of force main was accomplished using our regular force of men, and money from revenue. The amount so spent was $26,128.62. The cast iron force main now extends as far as the N. Y., N. H., & H. R. R. at Braley's Station, a total of 23,242 feet having been laid.

The excavation costs for the stretch laid this summer were unusually high because of the difficult nature of the ground. Several hundred boulders so large as to require blasting before they could be moved, about 150 lineal feet of ledge which yielded about 200 cu. yds. of stone, and a long stretch of very wet quicksand were encountered. About two thousand yards of stone removed were hauled to the Pumping Station to be used in the cut-off dam across Great Quittacas.

There remains about 300 feet of pipe which has not been laid. It is proposed to lay this next year, if sufficient funds are available to provide the concrete culvert required at the underpass at the main tracks of the N. Y., N. H., & H. R. R., which it is estimated will cost about $5,000. This is all that can be done until bonds are issued to cover the cost of the remaining distance from Braley's to High Hill Reservoir.

Below is a summary of costs of laying the main from County Road to Braley's Station, the work having occupied two years.

48-INCH CAST IRON FORCE MAIN

SUMMARY OF COSTS 1930-1931

LAID 8,665 FEET of Class C., N. E. W. W. A., 48″ C. I. pipe.

Pipe at $40.90 per net ton plus $1.00 per foot for Bitumastic Enamel Lining.

Specials at $135.00 per net ton plus $8.00 per ton for Bitumastic Enamel Lining.

	Total	Per Foot
Pipe and Specials	$135,077.72	$15.59
Inspection of pipe at foundry	925.82	.11
Advertising and printing	19.57	.002
Fuel, Gasoline, Oil and Grease	2,746.93	.32
Waste, Gates and Air Valves	156.83	.02
Lumber	1,682.60	.20
Sand, Gravel and Cement	31.18	.003
Tools and Repairs	7,191.74	.82
Miscellaneous supplies	390.75	.04
Piles and Piling (contract)	30,505.16	3.52
Leadite and Gasket	2,172.41	.25
Accident Account	16.25	.002
Labor (See Sub-division below)	50,032.10	5.77
	$230,949.06	$26.65

Sub-division of Labor

Clearing	$1,960.28	$ .22
Excavation	10,696.21	1.23
Laying pipe	3,589.02	.41
Backfill	17,273.87	2.00
Railroad crew	4,123.51	.48
Culverts	690.07	.08
Pumping	262.69	.03
Watchmen	1,324.44	.15
Tools and Repairs	5,704.75	.66
Accident Account	74.57	.01
N. Y., N. H., & H. R. R. Crossing	94.96	.01
Unload, Distribute and Handling Pipe	3,040.13	.35
Misc. Labor	1,197.60	.14
	$50,032.10	$ 5.77

HIGH HILL RESERVOIR

This reservoir was emptied and cleaned in the Spring. This is done by emptying one half at a time, supplying the City from the other half. The division wall running east and west through the middle of the reservoir makes this possible.

A little pointing up of the masonry walls and cement bottom was necessary but the structure is in excellent condition as a whole.

About 33.6 million gallons of water were wasted through Turner's Pond in the process.

OLD ACUSHNET SYSTEM

This system remains intact and is capable of furnishing five million gallons of water per day at the Purchase Street pumping station. Mt. Pleasant Reservoir is kept full of Quittacas water and in case of failure of High Hill Reservoir or the mains leading from it to the City will automatically deliver about fifteen million gallons of water into the mains under a slightly reduced pressure.

DISTRIBUTION SYSTEM

The demands for extension of main pipes and for new services continues to be small. Four thousand seven hundred and thirty-five feet of main pipe have been added, with the necessary gates, hydrants, etc. Details of this work will be found in the appended tables.

Nineteen hydrants have been broken off by skidding or carelessly driven automobiles. The cost of repairing them was $966.18 of which $251.88 was collected from the owners or their insurance companies. The above amount does not include water wasted through the broken hydrants.

There have been fifteen leaks during the year as herewith shown.

LEAKS

Date		Size	Location	Cause	Cost
1930					
Dec.	13	36"	Acushnet Ave. at Phillips Rd.	Joint started	$15.67
	13	8"	Kempton St. E. line Newton	Joints leaking	24.49
	27	6"	Hillman St. 200 ft. W. of Ash	Pipe burst	54.43
1931					
Jan.	17	8"	Rivet St. W. of Water	Joints started	22.38
	24	8"	Harbor St. 150 ft. S. of Gifford	Pipe burst	47.01
	31	8"	Purchase St. 75 ft. N. of Bedford	Joint started	14.66
Feb.	14	6"	N. B.-Fairhaven Bridge near S. driveway to Fish Island	Pipe burst	37.66
May	2	12"	Hathaway Rd. 205 ft. W. of Highland	Joint started	17.43
Sept.	12	6"	Mill Rd. opp. Acushnet Saw Mill	Joint started	10.26
	19	36"	Acushnet Ave., opposite No. 2693	Joint started	11.50
Oct.	24	4"	Dartmouth St., opposite No. 132	Joint leaking	22.90
Nov.	7	8"	Carlisle St. 50 ft. E. of Rochambeau	Joint blown out	32.55
	14	8"	Bridge-Fish Island to Pope's Island	Joint leaking	40.33
	21	8"	Bridge-Fish Island to Pope's Island	Joint leaking	23.39
	28	10"	Belleville Ave. near Tallman St.	Pipe burst	140.00

Nine new stop gates have been set and two of those previously set have been removed. The total number in use is 2,906.

One new air tap has been set and none of those previously set have been removed. The total number in use is 213.

Eleven new stop gates for private supplies have been set and one of those previously set has been removed. The total number now in use is 646.

Seven new hydrants have been set and one of those previously set has been removed. The total number now in use is 1890.

One watering cart hydrant has been removed. The total number now in use is 36.

Thirty-four service pipes have been laid and three of those previously set have been removed. The total number now in use is 19,301. Of this number two hundred fifty are unmetered fire services, seventeen thousand six hundred thirty-two are metered and the balance fourteen hundred nineteen are not now in use.

Six hundred ten taps have been cleaned as follows:

Rust 539; trouble inside 71.

Three hundred thirty-nine meters have been set and four hundred forty-three of those previously set have been removed.

In order to correct the complete list of meters the following entries are made:

Add 3 - 4″ Empire meters, making the number now in use 29.

Deduct 3 - 1½″ Empire meters, making the number now in use 6.

Deduct 1 - 6″ Hersey Detector meter, making the total number now in use 9.

Add 2 - 2″ Hersey Disc meters, making the total number now in use 7.

The total number of meters in use is 17,632.

CONSUMPTION OF WATER

The Consumption of Water during the year has been as follows:

Month	Monthly Consumption				Daily Average Consumption
	New Bedford	Dartmouth	Acushnet	Total	
	Gallons	Gallons	Gallons	Gallons	Gallons
1930					
December	290,451,760	4,795,500	2,125,500	297,372,760	9,592,669
1931					
January	288,229,220	4,603,500	1,777,500	294,610,220	9,503,556
February	264,270,390	4,230,750	1,705,500	270,206,640	9,650,238
March	292,338,875	4,598,250	1,777,500	298,714,625	9,635,955
April	295,652,120	4,422,750	2,130,000	302,204,870	10,073,495
May	291,762,200	7,232,250	2,045,250	301,039,700	9,710,958
June	285,085,390	5,832,000	2,369,250	293,286,640	9,776,221
July	301,076,400	7,266,000	2,389,500	310,731,900	10,023,610
August	302,129,880	6,793,500	2,541,000	311,464,380	10,047,238
September	289,706,090	7,610,250	1,983,000	299,299,340	9,976,644
October	300,327,160	7,110,750	2,087,250	309,525,160	9,984,683
November	272,229,710	6,024,000	1,952,250	280,205,960	9,340,198
Totals	3,473,259,195	70,519,500	24,883,500	*3,568,662,195	9,777,156
Averages				297,388,516	

Maximum daily consumption—April 24th	14,310,040 gallons
Minimum daily consumption—November 26th	5,936,400 gallons
Average daily consumption—6 A. M. to 6 P. M.	6,065,273 gallons
Average night consumption—6 P. M. to 6 A. M.	3,711,883 gallons

Amount of water consumed shown on above table includes the supplying of about 45.60 miles of distribution pipes located in the adjoining towns of Dartmouth and Acushnet. Dartmouth supplies 6,800 consumers of which 295 are summer residents through 1,360 taps. Acushnet supplies 3,550 consumers through 627 taps.

*In addition to above consumption during months of March and April, 33,604,285 gallons were wasted in emptying and cleaning High Hill Reservoir.

COMPARISON OF THE CONSUMPTION OF THE YEAR 1931 WITH THE RECORD OF THE 50 PREVIOUS YEARS.

Year	Estimated Population	Estimated number of consumers	Number of taps	Total number of gallons consumed	Average daily consumption	Gallons per day to each inhabitant	Gallons per day to each consumer	Gallons per day to each tap	Number of meters
1882	28,500	20,424	4,203	859,119,622	2,326,352	82	114	553	41
1883	30,000	22,249	4,465	849,059,700	2,326,191	78	105	521	49
1884	33,000	23,749	4,691	867,815,595	2,371,080	72	100	506	60
1885	33,700	25,375	4,965	1,049,801,050	2,876,167	85	113	579	67
1886	34,500	28,480	5,225	1,086,534,615	2,976,807	86	104	569	82
1887	36,000	30,080	5,495	1,112,302,789	3,047,404	85	101	555	102
1888	37,500	31,826	5,785	1,229,841,794	3,360,223	89	109	581	108
1889	40,000	34,000	6,104	1,310,488,214	3,590,379	90	106	588	120
1890	41,500	35,740	6,394	1,485,143,213	4,066,200	98	114	636	123
1891	45,000	38,500	6,742	1,513,161,482	4,145,648	92	108	615	135
1892	50,000	41,776	7,134	1,607,955,166	4,393,320	88	105	616	144
1893	55,000	44,158	7,531	1,824,275,536	4,998,015	99	113	664	172
1894	56,000	44,661	7,767	1,747,167,532	4,786,760	85	107	616	221
1895	56,300	46,154	8,027	1,719,830,979	4,711,866	84	102	587	254
1896	59,000	48,570	8,447	1,924,800,313	5,259,017	89	108	623	366
1897	60,000	50,000	8,860	2,071,702,478	5,675,897	95	113	641	621
1898	58,000	50,000	9,014	2,156,277,643	5,907,610	102	118	655	734
1899	58,000	50,000	9,151	2,261,115,500	6,194,837	107	124	677	1,098
1900	62,500	55,000	9,280	2,306,997,774	6,320,542	101	115	681	1,429
1901	65,000	57,000	9,447	2,150,199,262	5,890,957	91	103	624	1,566
1902	70,000	61,000	9,612	2,325,807,038	6,372,074	91	104	663	1,771
1903	72,000	62,000	9,927	2,535,280,580	6,945,974	96	112	700	1,954
1904	73,000	63,000	10,166	2,570,360,614	7,001,520	96	111	689	2,145
1905	75,000	66,000	10,477	2,586,640,683	7,093,187	95	107	677	2,434
1906	83,000	76,000	10,764	2,524,786,872	6,916,880	83	91	643	2,803
1907	88,000	81,000	11,107	2,711,824,444	7,435,572	84	91	670	3,196
1908	89,000	82,000	11,516	2,740,666,728	7,488,160	84	91	653	3,628
1909	95,000	88,000	12,043	2,727,327,230	7,472,129	79	85	621	4,572
1910	99,000	92,000	12,769	2,870,478,148	7,864,323	79	85	616	6,106
1911	102,700	96,000	13,311	2,910,369,438	7,973,615	78	83	599	8,206
1912	103,000	97,000	13,643	3,030,739,034	8,280,707	80	85	607	9,998
1913	104,000	99,000	14,055	2,832,828,204	7,761,173	75	78	552	12,340
1914	108,000	103,000	14,407	2,712,726,402	7,432,127	69	72	516	13,788
1915	110,000	107,000	14,770	2,791,655,778	7,648,372	70	71	518	14,140
1916	113,000	*111,120	*15,350	*3,122,164,926	*8,530,505	*75	*77	*556	14,481
1917	115,000	*113,485	*15,590	*3,390,054,126	*9,287,819	*81	*82	*596	14,728
1918	119,500	*118,140	*15,704	*3,562,182,920	*9,759,405	*82	*83	*621	14,852
1919	122,000	*123,290	*16,020	*3,522,543,626	*9,650,557	*78	*78	*602	15,019
1920	*131,350	*130,350	*16,546	*3,724,480,204	*10,204,055	*78	*78	*617	15,316
1921	*133,818	*133,085	*17,062	*3,454,210,228	*9,463,589	*71	*71	*554	15,659
1922	*135,775	*135,075	*18,040	*3,939,120,548	*10,792,111	*71	*80	*598	16,194
1923	*141,707	*140,950	*19,027	‡*3,663,170,860	*10,967,577	*77	*78	*576	16,870
1924	*145,000	*144,300	*19,802	*3,558,938,246	*9,750,515	*67	*68	*492	17,120
1925	*146,800	*146,100	*20,477	*3,456,787,024	*9,470,649	*65	*65	*462	17,569
1926	*140,400	*139,500	*20,703	*3,331,226.040	*9,126,646	*65	*65	*445	17,971
1927	*134,425	*133,525	*20,886	*3,284,861,320	*8,999,620	*67	*67	*431	18,063
1928	*128,327	*127,427	*20,979	*2,998,413,409	*8,214,332	*64	*64	*392	18,086
1929	*122,623	*121,823	*21,083	*3,563,884,895	*9,764,068	*80	*80	*463	17,832
1930	*123,064	*122,264	*21,220	*3,636,305,070	*9,962,480	*81	*81	*469	17,736
1931	*121,899	*121,089	*21,288	*3,568,662,195	*9,777,156	*80	*81	*454	17,632

*Includes population supplied in towns of Dartmouth and Acushnet; 1,987 taps, 10,350 consumers.

‡This consumption is for eleven months.

It will be seen by the preceding table that the consumption is 67,642,675 gallons less than last year, an average decrease of 185,322 gallons per day, or a little less than 2%.

Based on the period from July 1, 1930 to June 30, 1931, which is the time all meter readings are available, meters accounted for 82 8/10% of all water pumped.

An unusually large amount of water was wasted in flushing mains on account of the disagreeable taste and odor which occurred in March. Slippage of meters, water wasted by broken hydrants, leaks and water used for fires, testing, etc. account for the balance.

The following table shows the number of accounts, registration and income in the various steps of the sliding scale of rates.

DATA ON CONSUMPTION AND REVENUE
July 1, 1930 Through June 30, 1931.

	No. of Accts.	Number of Gallons			Receipts for Metered Water		
		Total	Per Account	Per day Per Acct.	Total	Per Account	Per 1,000 gallons
Special Rates	46	1,389,750	30,212	83	$767.68	$16.69	$.552
Using less than minimum rate viz.—33,333 1/3 gals. per year	4,691	94,476,000	20,140	55	23,154.56	4.93	.244
Using over minimum rate but less than 300,000 gals. per year	12,212	958,530,750	78,491	215	144,281.17	11.81	.15
Using between 300,000 and 3,000,000 gals. per year	326	276,981,000	849,635	2,327	38,150.33	117.02	.138
Using between 3,000,000 and 30,000,000 gals. per year	92	741,619,500	8,061,082	22,085	81,628.42	887.27	.111
Using between 30,000,000 and 60,000,000 gals. per year	8	261,618,750	32,702,344	89,595	24,508.00	3,063.50	.094
Using over 60,000,000 gals. per year	3	653,622,000	151,207,333	414,267	23,358.30	7,786.10	.036
Totals and Averages	17,378	2,988,237,750	171,955	471	335,848.46	19.31	.112

Respectfully submitted,

STEPHEN H. TAYLOR,

Superintendent.

TABLE A.
GREAT QUITTACAS POND
WATER ANALYSIS—STATE BOARD OF HEALTH
PARTS IN 100,000

Number	Date of		APPEARANCE			Odor		RESIDUE ON EVAPORATION			AMMONIA				Chlorine	Oxygen Consumed	Hardness	Iron
	Collection	Receipt	Turbidity	Sediment	Color	Cold	Hot	Total	Loss on Ignition	Fixed	Free	Albuminoid						
												Total	In solution	In suspension				
229867*	1930 Dec. 15	16	V. Slight	V. Slight	.80	vf. — veg. — f.		9.30	3.75	5.55	.0044	.0264	.0216	.0048	.74		2.2	.020
230444*	1931 Jan. 19	20	V. Slight	V. Slight	.18	vf. — veg. — f.		4.85	1.95	2.90	.0008	.0140	.0124	.0016	.53		1.1	.010
230937*	Feb. 16	17	V. Slight	V. Slight	.10	dist. veg. and unpl.		5.35	2.00	3.35	.0036	.0096	.0068	.0028	.51		1.3	.009
231501*	Mar. 16	17	V. Slight	V. Slight	.13	vf. — veg. — f.		3.70	1.25	2.45	.0036	.0176	.0104	.0072	.53		1.0	.012
232064*	Apr. 21	22	V. Slight	V. Slight	.32	vf. — veg. — f.		3.85	1.65	2.20	.0014	.0140	.0126	.0014	.52		1.1	.010
232639*	May 18	19	V. Slight	V. Slight	.30	vf. — veg. — f.		4.20	2.00	2.20	.0022	.0156	.0116	.0040	.50		1.0	.014
232640‡	18	19	V. Slight	V. Slight	.30	f. — veg. — f.		4.00	1.60	2.40	.0026	.0150	.0110	.0040	.51		1.3	.015
233407*	June 15		V. Slight	V. Slight	.40			4.55	2.20	2.35	.0022	.0144	.0102	.0042	.52		1.0	.009
233408‡	15		V. Slight	V. Slight	.44			4.20	2.00	2.20	.0022	.0150	.0108	.0042	.50		1.1	.012
234390*	July 20		V. Slight	V. Slight	.57			4.25	2.05	2.20	.0039	.0144	.0118	.0226	.49		0.8	.009
234391‡	20		V. Slight	V. Slight	.60			5.30	2.55	2.75	.0032	.0136	.0122	.0014	.48		0.8	.008
235213*	Aug. 17		V. Slight	V. Slight	.35			4.00	1.80	2.20	.0026	.0168	.0138	.0030	.50		0.8	.010
235214‡	17		V. Slight	V. Slight	.38			4.90	2.35	2.55	.0030	.0178	.0122	.0056	.49		0.8	.010
236340*	Sept. 21	22	V. Slight	V. Slight	.35	vf. — veg. — vf.		3.90	1.70	2.20	.0012	.0126	.0098	.0028	.45		1.0	.006
236341‡	21	22	V. Slight	V. Slight	.36	vf. — veg. — vf.		4.45	1.85	2.60	.0012	.0152	.0114	.0038	.48		0.8	.009
237095*	Oct. 19	20	V. Slight	V. Slight	.31	vf. veg. and musty	f.	4.15	1.80	2.35	.0012	.0186	.0156	.0030	.55		0.8	.006
237801*	Nov. 16		V. Slight	V. Slight	.25			4.30	2.25	2.05	.0024	.0142	.0128	.0014	.50		1.1	.005

Surface *
Bottom ‡

Scale of Color—0—Colorless
1—Yellowish Brown Tint
2—Deep Yellowish Brown Tint

TABLE B

LITTLE QUITTACAS POND—WEST INTAKE

WATER ANALYSIS—STATE BOARD OF HEALTH.

PARTS IN 100,000

Number	Date of Collection	Date of Receipt	Appearance: Turbidity	Appearance: Sediment	Appearance: Color	Odor: Cold	Odor: Hot	Residue on Evaporation: Total	Residue on Evaporation: Loss on Ignition	Residue on Evaporation: Fixed	Ammonia: Free	Ammonia: Albuminoid: Total	Ammonia: Albuminoid: In solution	Ammonia: Albuminoid: In suspension	Chlorine	Oxygen Consumed	Hardness	Iron
229870*	1930 Dec. 15	16	V. Slight	V. Slight	.08	vf. — veg. —	vf.	5.00	2.30	2.70	.0014	.0140	.0114	.0026	.55		0.8	.010
230446*	1931 Jan. 19	20	V. Slight	V. Slight	.08	vf. veg. and	f. fishy	5.00	2.25	2.75	.0008	.0120	.0100	.0020	.52		0.8	.012
230939*	Feb. 16	17	V. Slight	V. Slight	.15	f. — veg. —	f.	4.65	1.70	2.95	.0008	.0122	.0098	.0024	.50		1.1	.010
232066*	Apr. 21	22	V. Slight	V. Slight	.13	f. fishy —	f.	4.45	1.75	2.70	.0014	.0170	.0110	.0060	.56		1.3	.014
232643*	May 18	18	V. Slight	V. Slight	.16	vf. — veg. —	vf.	3.90	1.40	2.50	.0026	.0140	.0108	.0032	.50		1.1	.010
233411*	June 15		V. Slight	V. Slight	.16			4.00	1.60	2.40	.0020	.0152	.0122	.0030	.48		1.0	.012
233412*	15		V. Slight	V. Slight	.18			5.30	2.30	3.00	.0046	.0160	.0138	.0022	.48		1.0	.015
234394*	July 20		V. Slight	V. Slight	.32			4.30	1.70	2.60	.0086	.0160	.0138	.0022	.48		1.0	.015
234395‡	20		V. Slight	Slight	.32			5.30	2.25	3.05	.0044	.0144	.0106	.0038	.48		1.0	.010
235218*	Aug. 17		V. Slight	V. Slight	.22			4.25	2.00	2.25	.0018	.0184	.0142	.0042	.47		0.8	.011
236344*	Sept. 21	22	V. Slight	V. Slight	.20	vf. — veg. —	vf.	3.50	1.65	1.85	.0018	.0142	.0122	.0020	.49		0.8	.010
236345‡	21	22	V. Slight	V. Slight	.25	vf. — veg. —	vf.	3.50	1.60	1.90	.0018	.0146	.0124	.0022	.48		0.8	.009
237097*	Oct. 19	20	V. Slight	Slight	.17	vf. — veg. —	vf.	4.25	1.40	2.85	.0012	.0164	.0126	.0038	.52		0.6	.015
237803*	Nov. 16		V. Slight	V. Slight	.24			4.40	2.05	2.35	.0018	.0144	.0120	.0024	.48		1.1	.007

Surface *
Bottom ‡

Scale of Color—0—Colorless
1—Yellowish Brown Tint
2—Deep Yellowish Brown Tint

TABLE C
LITTLE QUITTACAS POND—EAST INTAKE
WATER ANALYSIS—STATE BOARD OF HEALTH.
PARTS IN 100,000

Number	Date of		APPEARANCE			Odor		RESIDUE ON EVAPORATION			AMMONIA				Chlorine	Oxygen Consumed	Hardness	Iron
												Albuminoid						
	Collection	Receipt	Turbidity	Sediment	Color	Cold	Hot	Total	Loss on Ignition	Fixed	Free	Total	In Solution	In suspension				
229869*	1930 Dec. 15	15	V. Slight	V. Slight	.08	vf. — veg. —	vf.	4.40	1.60	2.80	.0016	.0156	.0122	.0034	.56		0.6	.010
230445*	1931 Jan. 19	20	V. Slight	V. Slight	.08	vf. — veg. —	vf.	5.25	2.15	3.10	.0016	.0144	.0118	.0026	.53		1.0	.012
230938*	Feb. 16	17	V. Slight	V. Slight	.03	vf. — veg. —	vf.	4.75	1.50	3.25	.0014	.0140	.0078	.0062	.56		1.4	.010
231502*	Mar. 16	17	V. Slight	V. Slight	.10	f. — veg. —	dist.	4.15	1.40	2.75	.0066	.0132	.0088	.0044	.51		1.0	.013
232065*	Apr. 21	22	V. Slight	V. Slight	.14	f. — fishy —	f.	4.20	1.50	2.70	.0016	.0126	.0072	.0054	.55		1.0	.010
232641*	May 18	19	V. Slight	V. Slight	.18	f. veg. & sweetish	f.	4.05	1.40	2.65	.0024	.0124	.0098	.0026	.47		1.3	.010
233409*	June 15		V. Slight	V. Slight	.13			3.75	1.45	2.30	.0022	.0140	.0126	.0014	.47		1.0	.010
233410‡	15		V. Slight	V. Slight	.16			4.45	1.60	2.85	.0034	.0164	.0120	.0044	.52		1.1	.015
234392*	July 20		V. Slight	V. Slight	.30			4.20	1.60	2.60	.0030	.0142	.0128	.0014	.48		1.0	.011
234393‡	20		V. Slight	V. Slight	.32			5.35	2.25	3.10	.0038	.0146	.0128	.0018	.49		1.0	.014
235215*	Aug. 17		V. Slight	V. Slight	.18			3.85	1.55	2.30	.0014	.0170	.0128	.0042	.47		0.8	.009
235216‡	17		V. Slight	V. Slight	.20			3.95	1.65	2.30	.0008	.0176	.0138	.0038	.46		0.8	.011
236342*	Sept. 21	22	V. Slight	V. Slight	.20	vf. — veg. —	vf.	3.50	1.40	2.10	.0022	.0130	.0106	.0024	.49		0.8	.020
236343‡	21	22	V. Slight	V. Slight	.25	vf. — veg. —	vf.	4.15	1.40	2.75	.0020	.0136	.0114	.0022	.49		1.0	.018
237096*	Oct. 19	20	V. Slight	V. Slight	.16	vf. — veg. —	vf.	4.75	2.10	2.65	.0022	.0154	.0114	.0040	.53		0.8	.010
237802*	Nov. 16		V. Slight	V. Slight	.23			4.35	1.40	2.95	.0026	.0140	.0116	.0024	.51		0.6	.013

Surface *
Bottom ‡

Scale of Color—0—Colorless
1—Yellowish Brown Tint
2—Deep Yellowish Brown Tint

TABLE D
POCKSHA POND
WATER ANALYSIS—STATE BOARD OF HEALTH.
PARTS IN 100,000

Number	Date of		APPEARANCE			Odor		RESIDUE ON EVAPORATION			AMMONIA				Chlorine	Oxygen Consumed	Hardness	Iron
												Albuminoid						
	Collection	Receipt	Turbidity	Sediment	Color	Cold	Hot	Total	Loss on Ignition	Fixed	Free	Total	In Solution	In suspension				
229872	1930 Dec. 15	16	V. Slight	V. Slight	.07	vf. — veg. —	f.	3.95	1.30	2.65	.0008	.0152	.0118	.0034	.55		0.6	.015
230448	1931 Jan. 19	20	V. Slight	Slight	.06	vf. — veg. —	f.	4.30	1.50	2.80	.0006	.0138	.0092	.0046	.48		0.8	.012
230941	Feb. 16	17	V. Slight	V. Slight	.03	vf. — veg. —	f.	4.45	1.55	2.90	.0004	.0110	.0082	.0028	.52		1.0	.011
231505	Mar. 16	17	V. Slight	V. Slight	.07	f. — veg. —	f.	3.60	1.30	2.30	.0014	.0122	.0092	.0030	.49		1.0	.010
232068	Apr. 21	22	V. Slight	V. Slight	.16	vf. — veg. —	vf.	3.60	1.25	2.35	.0022	.0114	.0092	.0022	.56		0.8	.016
232646	May 18	19	V. Slight	V. Slight	.20	vf. — veg. —	vf.	3.70	1.30	2.40	.0022	.0144	.0102	.0042	.48		0.8	.010
233414	June 15		V. Slight	V. Slight	.30			4.20	1.65	2.55	.0042	.0148	.0078	.0070	.47		1.0	.015
234397	July 20		V. Slight	V. Slight	.37			4.95	2.05	2.90	.0012	.0132	.0102	.0030	.51		1.0	.006
235220	Aug. 17		V. Slight	V. Slight	.27			4.10	1.55	2.55	.0004	.0144	.0114	.0030	.49		0.8	.009
236347	Sept. 21	22	V. Slight	V. Slight	.30	vf. — veg. —	vf.	3.50	1.70	1.80	.0022	.0126	.0102	.0024	.49		0.8	.012
237099	Oct. 19	20	V. Slight	V. Slight	.12	vf. — veg. —	f.	3.75	1.10	2.65	.0026	.0154	.0108	.0046	.50		0.8	.012
237805	Nov. 16		V. Slight	V. Slight	.20			3.90	1.45	2.45	.0010	.0132	.0116	.0016	.49		1.0	.015

Scale of Color—0—Colorless
1—Yellowish Brown Tint
2—Deep Yellowish Brown Tint

TABLE E
LONG POND — BLACK BROOK
WATER ANALYSIS—STATE BOARD OF HEALTH
PARTS IN 100,000

Number	Date of		APPEARANCE			Odor		RESIDUE ON EVAPORATION			AMMONIA				Chlorine	Oxygen Consumed	Hardness	Iron
												Albuminoid						
	Collection	Receipt	Turbidity	Sediment	Color	Cold	Hot	Total	Loss on Ignition	Fixed	Free	Total	In Solution	In Suspension				
	1930 Dec.																	
229868*	15	16	V. Slight	V. Slight	.11	vf. — veg. —	f.	4.10	1.55	2.55	.0010	.0144	.0126	.0018	.56		0.6	.010
229871‡	15	16	V. Slight	V. Slight	.20	vf. — veg. —	vf.	4.10	1.35	2.75	.0008	.0140	.0122	.0018	.56	x 0.33	0.6	.018
	1931 Jan.																	
230447‡	19	20	V. Slight	V. Slight	.28	vf. — veg. —	f.	4.70	1.85	2.85	.0016	.0116	.0102	.0014	.48	x 0.55	1.1	.028
	Feb.																	
230940‡	16	17	V. Slight	V. Slight	.27	vf. — veg. —	f.	4.80	1.50	3.30	.0112	.0124	.0076	.0048	.52	x 0.61	1.1	.015
	Mar.																	
231504‡	16	17	V. Slight	V. Slight	.21	vf. — veg. —	f.	4.35	1.55	2.80	.0128	.0096	.0064	.0032	.50	x 0.55	1.0	.020
	Apr.																	
232067‡	21	22	V. Slight	V. Slight	.50	vf. — veg. —	vf.	4.35	1.85	2.50	.0012	.0122	.0094	.0028	.53	x 0.77	1.0	.014
	May																	
232645‡	18	19	V. Slight	V. Slight	.62	vf. — veg. —	vf.	4.15	1.90	2.25	.0022	.0154	.0112	.0042	.48	x 0.82	1.0	.020
	June																	
233406*	15		V. Slight	V. Slight	2.35			6.75	4.50	2.25	.0044	.0348	.0388	.0060	.45		1.1	.040
233413‡	15		V. Slight	Slight	.85			5.35	2.40	2.95	.0046	.0156	.0134	.0022	.40	x 1.16	1.0	.030
	July																	
234389*	20		V. Slight	V. Slight	2.52			8.20	4.00	4.20	.0072	.0284	.0118	.0166	.56		1.3	.100
234396‡	20		V. Slight	V. Slight	.73			4.40	2.00	2.40	.0068	.0140	.0100	.0040	.42	x 1.04	0.8	.032
	Aug.																	
235212*	17		V. Slight	V. Slight	3.10			9 90	6.50	3.40	.0056	.0524	.0420	.0104	.57		1.5	.075
235219‡	17		V. Slight	V. Slight	.58			3.20	1.35	1.85	.0018	.0140	.0118	.0022	.40	x 0.70	0.5	.010
	Sept.																	
236339*	21	22	Slight	Slight	1.30	f. — veg. —	dist.	5.85	2.75	3.10	.0044	.0244	.0188	.0056	.61		1.1	.050
236346‡	21	22	V. Slight	V. Slight	.62	vf. — veg. —	vf.	3.55	1.50	2.05	.0052	.0144	.0122	.0022	.45	x 0.71	0.5	.038
	Oct.																	
237094*	19	20	V. Slight	V. Slight	1.00	vf. — veg. —	vf.	9.40	4.10	5.30	.0048	.0276	.0240	.0036	.96		2.1	.040
237098‡	19	20	V. Slight	V. Slight	.42	vf. — veg. —	f.	4.00	1.80	2.20	.0010	.0132	.0108	.0024	.53	x 0.60	0.6	.042
	Nov.																	
237800*	16		V. Slight	V. Slight	1.60			6.75	3.50	3.25	.0056	.0212	.0160	.0052	.65		2.0	.040
237804‡	16		V. Slight	V. Slight	.53			3.90	1.35	2.55	.0018	.0182	.0160	.0022	.49	x 0.64	0.6	.040

* Black Brook
‡ Long Pond
(x - Unfiltered)

Scale of Color—0—Colorless
1—Yellowish Brown Tint
2—Deep Yellowish Brown Tint

TABLE F

RECORD OF RAINFALL AT QUITTACAS PUMPING STATION, 1931

Date	1930	1931										
	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.
1			.05	.20	.82		.17					
2						.04			.03	.28		
3				.12	.11				.08	.93		.09
4			.01	1.22								
5		.83										
6		.06		.05	.04			1.20				
7			.03		.33		.17	.07	2.57			
8			.25	1.53		1.08	.47				.19	
9			.57	.05			4.07	.36	.07			
10			.02	.12		.81	.19	.10	.02			
11	.16						.04		.65			
12		1.19				.60			.67			
13			.50			1.00		.06				
14	.02		.11			.27		.10			.31	
15							.52		.31	.31	.35	.25
16						.24	.37				1.03	
17			.53	.09	.08				.48	.09		
18		.01	.33									
19	.41	1.00	.26						.29			.17
20		.02	.03	.01				.05		.07		
21						.15		.05				
22	.28		.01			.02		.18				
23	.36				.04	.54	.23	.74	.01			
24								.11	.55		.02	
25				1.57	.03	.02		.05			.19	
26	.99			.59	1.92		.02			.26		
27	.51						.02		.09			.13
28				.71					.64		.33	
29		.08		.60	.06						1.02	.02
30		.50										.20
31		.03		.02		.87						
Totals	2.73	3.72	2.70	6.88	3.43	5.64	6.27	3.07	6.46	1.94	3.44	.86

Total fall for the year 47.14 inches.

TABLE G

RAINFALL AT THE QUITTACAS PUMPING STATION FOR THE PAST THIRTY-SEVEN YEARS ENDING NOV. 30, 1931

	MONTHS												
YEARS	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Totals
1895	5.71	3.46	1.07	3.60	4.57	4.24	2.11	3.11	2.49	1.47	6.38	4.41	42.62
1896	3.12	2.28	3.94	6.43	1.06	2.76	5.39	3.07	3.81	8.23	4.41	3.81	48.31
1897	2.84	4.50	2.70	2.96	3.88	5.31	2.70	3.79	5.80	1.29	1.18	7.71	44.66
1898	4.29	4.29	6.47	3.16	5.27	5.54	1.22	5.69	6.80	1.25	10.16	7.81	61.95
1899	2.10	6.27	6.83	8.25	1.90	1.63	3.91	2.94	2.24	7.27	2.22	2.21	47.77
1900	1.77	4.96	6.10	4.25	2.27	5.59	1.41	2.28	1.76	3.05	5.46	3.95	42.85
1901	2.70	2.36	1.05	7.78	6.65	8.47	1.92	3.45	2.75	3.09	2.85	1.99	45.06
1902	9.52	2.22	5.88	6.27	3.85	1.05	4.10	2.06	1.29	3.65	4.78	1.72	46.39
1903	5.14	4.14	6.26	8.13	5.77	.91	4.84	2.12	3.75	1.19	4.64	2.71	49.60
1904	3.84	2.83	4.04	2.42	9.28	3.40	4.38	1.68	4.38	2.66	1.86	2.36	43.13
1905	3.34	2.71	2.31	2.46	1.99	1.95	7.76	2.76	3.84	5.80	2.14	2.64	39.70
1906	4.47	3.88	4.86	7.84	2.62	5.01	3.86	4.89	1.71	3.62	3.35	2.87	48.98
1907	3.62	3.31	2.56	1.74	3.47	4.17	2.04	2.10	1.62	7.43	3.29	5.62	40.97
1908	5.92	2.54	4.35	3.74	2.14	4.22	2.07	2.36	4.94	1.47	8.04	1.41	43.20
1909	4.46	4.38	5.92	4.08	6.51	3.02	1.96	1.11	2.23	4.40	2.07	4.69	44.83
1910	2.98	2.49	5.19	1.24	2.25	3.19	4.56	2.89	2.42	1.65	2.46	4.43	35.75
1911	3.12	3.75	2.63	3.80	3.64	1.39	2.14	5.12	4.06	2.98	2.37	7.40	42.40
1912	3.50	5.32	3.74	8.11	3.67	4.13	.28	1.14	4.88	1.96	1.40	4.27	42.40
1913	6.62	5.01	3.48	3.34	5.74	1.75	1.32	2.37	3.11	2.33	11.42	2.75	49.24
1914	4.56	3.42	3.86	3.68	4.43	2.65	.95	4.80	2.60	1.00	2.51	3.31	37.77
1915	4.97	10.07	3.92	.18	2.51	2.49	1.64	5.69	7.38	2.11	3.95	1.98	46.89
1916	4.52	1.95	4.21	3.57	4.27	4.66	4.85	11.12	1.25	1.52	3.09	3.21	48.22
1917	3.09	3.19	1.97	5.92	4.69	5.05	5.35	1.72	3.57	2.75	4.97	.15	42.42
1918	2.07	3.38	4.50	1.65	5.01	1.87	3.40	3.30	2.06	3.85	.73	2.40	34.22
1919	3.70	5.48	3.91	4.97	3.37	4.27	2.42	5.59	7.94	6.06	1.78	4.23	53.72
1920	2.48	3.40	5.64	5.89	5.31	5.24	8.12	1.88	2.55	1.93	2.90	3.93	49.27
1921	4.06	3.35	2.64	3.87	4.84	4.58	3.53	9.23	2.39	1.85	1.49	7.73	49.56
1922	2.92	2.12	3.52	6.45	1.96	4.31	6.24	4.93	11.37	1.94	3.32	1.13	50.21
1923	3.47	6.39	1.74	5.01	6.15	1.33	3.67	2.66	2.32	1.96	3.94	1.98	40.62
1924	5.70	4.70	3.25	2.81	6.70	2.41	2.64	1.21	8.89	3.41	.16	1.75	43.63
1925	2.47	3.73	2.26	3.98	2.41	3.34	3.24	3.90	1.44	4.39	4.50	4.52	40.18
1926	3.95	2.84	6.28	3.28	2.46	2.94	3.30	2.79	3.47	1.12	8.15	4.81	45.39
1927	3.61	3.33	3.36	1.65	1.56	2.15	2.31	4.87	10.95	2.66	3.83	5.21	45.49
1928	5.45	3.75	3.88	4.45	4.28	1.30	4.91	4.53	2.34	4.62	2.09	2.46	44.06
1929	3.52	4.10	3.97	4.21	7.25	3.32	.87	3.40	4.27	4.45	2.93	3.00	45.29
1930	5.44	3.63	3.73	2.39	1.50	2.91	3.27	2.30	2.57	.55	4.35	4.60	37.24
1931	2.73	3.72	2.70	6.88	3.43	5.64	6.27	3.07	6.46	1.94	3.44	.86	47.14
Totals	147.77	143.25	144.72	160.44	148.66	128.19	124.95	131.92	147.70	112.90	138.61	132.02	1661.13
Averages	3.993	3.871	3.895	4.336	4.017	3.464	3.377	3.565	3.991	3.051	3.746	3.568	44.895

TABLE H

RECORD OF RAINFALL AT LONG PLAIN, 1931.

	1930	1931										
Date	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.
1	.03		.06	.21	.78		.16					
2						.06			.01	.06		
3				.29	.09				.08	.65		.08
4			.02	.94								
5		.86		.11								
6		.06		.02	.07			1.41				
7			.04		.42		.15	.10	2.07			
8	.01			1.53		.98	.61	.01			.25	
9			.46	.03			4.90	.18	.07			
10			.08	.14	.02	.75	.11	.04	.02			
11	.17		.01				.05		1.08			
12		1.26				.68			.80			
13			.44			1.15			.02	.01		
14	.04		.21			.64		.05			.21	
15							.09	.18	.40	.44	.77	.33
16			.02			.25	.42				1.03	
17			.61	.23	.06				.69	.08		
18			.43									.01
19	.43	1.21	.32						.35			.16
20		.03	.07	.04				.04		.05		.03
21						.18		.05				.01
22	.28		.01			.06		.25				
23	.46				.03	.55	.19	1.11	.01			.01
24	.06							.21	.66		.01	
25				1.63		.01		.27			.24	
26	.97			.56	1.95		.01			.32		
27	.62						.04		.02			.12
28				.69							.32	.01
29		.15		.66	.05						.94	
30		.56									.01	.23
31		.02		.03		.68						
Totals	3.07	4.15	2.78	7.11	3.47	5.99	6.73	3.90	6.28	1.61	3.78	.99

Total fall for the year 49.86 inches.

TABLE I

STATEMENT OF WORK DONE BY LEAVITT ENGINE A FOR THE YEAR ENDING DECEMBER 1, 1931.

Diameter steam cylinders 16⅜ and 36 23-64 in.
Diameter pump plungers 13 7-10 and 19⅜ in.
Stroke of Piston Plungers 90 inches.

Average working steam pressure 170 lbs.
Average Static head 167.91 ft.

Months		Number of days or parts of days pumping	Total pumping time per month		Total number of strokes per month	Average number of strokes per minute	Fuel		Total number of gallons pumped per month, allowance being made for slip	Number of gallons pumped per pound of coal for total coal	Number of gallons raised 100 ft. per lb. coal for total coal	Average dynamic head against pump in feet: no allowance for friction in suction	Average duty in pounds raised one ft. high per 100 lbs. coal, calculated on total fuel used for all purposes, except keeping spare engine warm.
			H.	M.			Keeping spare engine warm Lbs.	All other coal including lighting & heating building Lbs.					
December	1930												
January	1931												
February	1931												
March	1931												
April	1931	9	174	15	250,686	23.9		74,504	55,150,920	740	1497	202.43	124,972,396
May	1931												
June	1931	30	687	55	1,331,765	32.2		354,255	292,988,300	827	1526	184.58	127,316,585
July	1931	30	704	25	1,370,065	32.4		356,345	301,414,300	845	1559	184.50	130,153,425
August	1931	31	744	00	1,451,884	32.5		378,270	319,414,480	844	1558	184.60	130,002,124
September	1931	29	690	00	1,346,962	32.9		352,925	296,331,640	839	1549	184.70	129,338,716
October	1931	30	712	50	1,390,148	32.5		364,470	305,832,560	839	1552	184.99	129,460,188
November	1931	28	661	50	1,223,959	30.8		333,695	269,270,980	806	1498	185.86	125,081,141
Totals & Averages		187	4375	15	8,365,469	31.8		2,214,464	1,840,403,180	831	1551	186.75	129,440,747

The duty is based on total fuel used for all purposes except warming spare engine. This includes banking fires, starting, heating building, running electric light engine at night. No deduction for ashes, moisture in coal or anything else.

TABLE K

COMPARISON COST OF PUMPING BY STEAM AND ELECTRICITY
1918 — 1931

	6 MGD DeLAVAL ELECTRIC CENTRIFUGAL PUMP — "C"										2 — 10 MGD LEAVITT STEAM PUMPS—"A" and "B"							
Year	Total Pumping		Total Current K. W. H.	Total Pumpage Million Gallons	Total Cost of Current	Average Cost per K. W. H.	Cost of Raising 1 Million Gals.		Average Dynamic Head	Overall Efficiency	Total Pumpage Million Gals.	Total Coal Consumed Lbs.	Total Cost of Coal	Coal Cost per Net Ton	Cost of Raising 1 Million Gals.		Average Dynamic Head	Duty per 100 lbs. Coal
	Hrs.	Min.					To Reser.	100 ft.							To Reser.	100 ft.		
1918	508	30	117,300	126.16	$2,383.08	$.0203	$18.88	$ 9.32	202.40	68.5%	3,172.59	3,747,650	$15,721.39	$8.49	$5.24	$2.73	189.83	128,236,436
1919	1389	45	314,200	351.58	6,935.92	.0220	19.73	10.45	189.00	66.5%	3,428.45	4,232,700	17,967.81	8.39	4.97	2.68	185.64	131,066,844
1920	942	40	215,500	239.65	4,997.86	.0232	20.85	11.07	188.52	66.0%	3,555.81	4,201,650	27,205.68	12.95	7.67	4.14	185.84	131,067,043
1921	151		33,400	36.45	1,856.73	.0555	50.94	28.00	181.83	62.3%	3,347.41	3,986,050	17,678.13	8.87	5.28	2.88	183.11	128,246,166
1922	993	40	227,100	248.06	5,782.65	.0254	23.31	12.85	181.42	62.3%	3,882.31	4,439,780	14,743.05	7.00	3.80	2.08	183.09	124,922,516
1923	1520	30	345,200	381.63	9,646.72	.0280	25.27	13.93	181.29	62.8%	3,657.14	4,543,805	17,652.68	7.77	4.83	2.57	188.03	126,216,278
1924	579	45	130,700	139.46	3,646.35	.0280	26.15	13.85	189.46	63.5%	3,425.05	4,212,300	13,004.50	6.26	3.80	2.02	188.52	127,841,193
1925	262	5	75,000	82.99	2,195.35	.0293	26.45	14.08	188.00	65.2%	3,408.32	4,166,554	13,499.63	6.48	3.96	2.14	185.04	126,239,503
1926	207	45	47,000	50.98	1,578.97	.0336	30.97	16.67	185.79	63.2%	3,282.66	4,056,395	13,710.61	6.76	4.18	2.26	184.14	124,279,713
1927	156	35	35,300	36.60	926.63	.0262	25.32	14.02	180.71	58.8%	3,246.96	4,010,020	13,634.07	6.80	4.20	2.27	185.23	125,085,621
1928	50	50	11,700	12.48	307.76	.0262	24.62	13.72	179.42	60.2%	2,979.63	3,715,575	12,391.33	6.67	4.16	2.28	182.50	126,164,303
1929	314	30	70,000	72.42	1,621.43	.0232	22.39	11.66	192.00	62.3%	3,494.05	4,444,205	14,643.64	6.59	4.19	2.24	186.70	121,333,976
1930	183	10	41,900	42.59	977.09	.0233	22.94	11.70	196.11	62.5%	3,595.38	4,581,745	14,844.84	6.48	4.13	2.25	183.31	122,789,588
1931	134	55	31,100	32.44	781.20	.0251	24.08	12.55	191.79	62.8%	3,569.82	4,438,715	14,248.29	6.42	3.99	2.13	187.39	125,811,414

TABLE J

STATEMENT OF WORK DONE BY LEAVITT ENGINE B FOR THE YEAR ENDING DECEMBER 31, 1931.

Diameter steam cylinders 16⅜ and 36¼ in.
Diameter pump plungers 13 7-10 and 19⅜ in.
Stroke of Piston Plungers 90 inches.

Average working steam pressure 170 lbs.
Average Static head 167.95 ft.

Months		Number of days or parts of days pumping	Total pumping time per month		Total number of strokes per month	Average number of strokes per minute	Fuel		Total number of gallons pumped per month, allowance being made for slip.	Number of gallons pumped per pound of coal for total coal.	Number of gallons raised 100 ft. per lb. of coal for total coal	Average dynamic head against pump in ft: no allowance for friction in suction	Average duty in pounds raised one ft. high per 100 lbs. coal, calculated on total fuel used for all purposes, except keeping spare engine warm.
							Keeping spare engine warm	All other coal including lighting & heating building					
			H.	M.			Lbs.	Lbs.					
December	1930	30	661	55	1,281,748	32.2		361,155	281,984,560	780	1458	186.94	121,730,662
January	1931	30	686	35	1,326,486	32.2		374,570	291,826,920	779	1462	187.73	121,980,972
February	1931	27	632	45	1,228,212	32.3		354,435	270,206,640	762	1430	187.76	119,379,166
March	1931	30	660	00	1,274,971	32.1		358,205	280,493,620	783	1469	187.72	122,593,639
April	1931	29	694	00	1,291,527	31.0		374,046	284,135,940	759	1435	189.17	119,844,875
May	1931	30	704	50	1,369,200	32.3		376,515	301,224,000	800	1493	186.74	124,597,891
June	1931	1	9		13,932	25.8	2,530	4,000	3,065,040				
July	1931												
August	1931												
September	1931												
October	1931												
November	1931	5	51	35	74,919	24.2	5,315	21,325	16,482,180				
Totals & Averages		182	4100	00	7,860,995		7,845	2,224,251	1,729,418,900	777	1461	188.04	121,936,212

The duty is based on total fuel used for all purposes except warming spare engine. This includes banking fires, starting, heating building, running electric light engine at night. No deduction for ashes, moisture in coal or anything else.

TABLE L

STATEMENT OF WORK DONE BY ELECTRICALLY OPERATED De LAVAL CENTRIFUGAL PUMP C FOR THE YEAR ENDING DECEMBER 1, 1931

Number of revolutions per minute,	1700 to 1800
Capacity when pumping alone per 24 hours,	6¼ million gallons
Capacity when pumping with one Leavitt Engine, per 24 hours,	6 million gallons
Average Static head for year	167.94
Average Dynamic head for year	191.79

Months		Number of days or parts of days pumping	Total pumping time per month H. M.	Current used per month K. W. H.	Number of gallons pumped per month	Number of gallons pumped per K. W. H.
December	1930	4	49—30	11,700	12,422,200	1061
January	1931	1	12—00	2,800	2,967,800	1042
April	1931	3	51—40	11,600	11,977,600	1032
July	1931	1	21—45	5,000	5,076,800	1015
Totals & Averages		9	134—55	31,100	32,444,400	1043

Number of K. W. H. required to raise one million gallons into Reservoir, 985.

$$\text{Duty} = \frac{32{,}444{,}400 \times 8.34 \times 100 \times 191.79}{31{,}100} = 166{,}867{,}349 \text{ lbs. raised one foot high per 100 K. W. H.}$$

TABLE M

LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1931

Streets	48 in.	10 in.	8 in.	Cost
Belleville Ave., from 232 ft. S. of Mill Road, south			299	$713.83
Bridge, from end of 6″ pipe 32 ft. E. of branch on Fish Island, easterly under river to 3W6x6 branch in Pope's Island main			1026	13,335.58
Brownell Ave., from pipe line Hawthorn, south			495	1,158.09
Hawthorn St., from 160 ft. E. from Brownell Ave., west		187		471.68
Shawmut Ave., from present terminus S. of Plainville Rd., south			1294	2,955.31
Sheffield St., from 248 ft. W. of Acushnet Ave., west			331	799.17
Force Main, from 7014 W. of County Rd. to 65 ft. E. of center line N. Y., N. H. & H. R. R. main tracks	1976			26,128.62
Totals	1976	187	3445	

LOCATION AND SIZE OF CAST IRON PIPE REMOVED IN 1931

Streets	6 in.	4 in.
Bridge, from 32 ft. E. of branch on Fish Island, east	16	
Bridge, from 3W6x6 branch at Pope's Island N. of Yacht Club, south	29	
Bridge, from E. wall of Fish Island at a point 25 ft. S. of Bridge to W. bulkhead of Pope's Island at a point 14 ft. S. of Bridge	787	
Philadelphia & Reading C. & I. Co. Wharf, Front St., east (Transferred to service pipe)		41
Totals	832	41

SUMMARY

	Steel	Cast Iron										
	48 in.	48 in.	36 in.	30 in.	24 in.	20 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Previous to 1931 Laid in 1931	42381	28167 1976	68579	41162	9811	11310	48791	65285	79717 187	255486 3445	408847	37115
Total laid	42381	30143	68579	41162	9811	11310	48791	65285	79904	258931	408847	37115
Removed in 1931											832	41
Total now in use	42381	30143	68579	41162	9811	11310	48791	65285	79904	258931	408015	37074
Percentage of Total length	3.86	2.73	6.23	3.74	.89	1.03	4.42	5.93	7.25	23.51	37.04	3.37
Inch Miles	385.28	274.02	467.59	233.88	44.60	42.84	147.85	148.37	151.33	392.31	463.65	28.08
Percentage of Inch Miles	13.85	9.86	16.82	8.41	1.60	1.54	5.32	5.34	5.44	14.11	16.67	1.01

Total length laid in 1931	5,608 ft. or 1.06212 miles
Total length removed in 1931	873 ft. or .16534 miles
Total length of pipe in use December 1, 1931	1,101,386 ft. or 208.59583 miles
Total number of inch miles	2779.80
Average Size	13.32 inches

TABLE N

LOCATION AND SIZE OF STOP GATES SET 1931

Streets	8 in.	6 in.
Bridge (Pope's Island) E. of W. edge Yacht Club Piazza 3 ft.		1
Bridge (Pope's Island) E. of W. edge Yacht Club Piazza 3 ft.	1	
Bridge (Pope's Island) E. of W. edge Yacht Club Piazza 8 ft.	1	
Brownell Ave., S. line Hawthorn	1	
Nauset St., at hydt., W. of Myrtle (S.) 166 ft.		1
Shawmut Ave., S. of Plainville Rd. (W.) 2798 ft.	1	
Shawmut Ave., at hydt., S. of Plainville Rd. (W.) 3080 ft.		1
Shawmut Ave., at hydt., S. of Plainville Rd. (W.) 3580 ft.		1
Shawmut Ave., at hydt. S. of Plainville Rd. (W.) 3769 ft.		1
Totals	4	5

LOCATION AND SIZE OF STOP GATES REMOVED 1931

Streets	6 in.	4 in.
Bridge, (Pope's Island) on River Pipe, E. of Yacht Club Bldg. 78 ft.	1	
Walnut St., E. of Front 5 ft.		1
Totals	1	1

Number of Stop Gates Set in 1931	9
Number Removed	2
Number added	7
Number in use December 1, 1930	2899
Number in use December 1, 1931	2906

TABLE O

LOCATION AND SIZE OF PRIVATE STOP GATES SET IN 1931

Streets	6 in.	4 in.	2 in.
Acushnet Ave., at Frates Dairy, N. of Glen 1 ft. (Omitted 1929)			1
Acushnet Ave., at Mary E. Bannon, S. of Willis 57 ft.		1	
Central Ave., at Amos E. Poirier Laundry, W. of Ashley Blvd. 484 ft. (Omitted 1914)			1
Coffin Ave., at Whitman Mills, E. of Riverside Ave. 417 ft. (Omitted 1922)		1	
Cove St., at Washington S. & M. Club, S. W. Cor. Rodney French Blvd. (W) (Omitted 1922)			1
Hawthorn St., at Amelia H. Read, W. of Page 47 ft.			1
Maple St., at Amelia H. Read, E. of Atlantic 87 ft.			1
Purchase St., at Continental Baking Co., S. of Sawyer 141 ft.	1		
Sawyer St., at Fairhaven Mills, E. of Mitchell 317 ft. (Omitted 1919)	1		
Tremont St., at Hill & Cutler Co., N. of Maple 144 ft.	1		
Walnut St., at N. B. Gas & Edison Light Co., E. of Front 5 ft. (Formerly a main gate, omitted in 1919)		1	
Totals	3	3	5

TABLE O.—Concluded.

LOCATION AND SIZE OF PRIVATE STOP GATES REMOVED IN 1931

Streets	2 in.
Coffin Ave., at Whitman Mills, E. of Riverside Ave. 417 ft. (Omitted 1922)	1
Totals	1

Number of Private Stop Gates Set 1931	11
Number removed	1
Number to be added	10
Number in use December 1, 1930	636
Number in use December 1, 1931	646

TABLE P

LOCATION AND SIZE OF AIR TAPS SET IN 1931

Streets	6 in.
Force Main near Braley's Station, Station 216—35.7 1021 ft. E. of center line Main Tracks	1
Totals	1

Number of Air Taps set in 1931	1
Number removed	0
Number to be added	1
Number in use December 1, 1930	212
Number in use December 1, 1931	213

TABLE Q

LOCATION OF HYDRANTS SET IN 1931

Belleville Ave., west side, 84 ft. N. of Mazeppa.
Brownell Ave., west side, 490 ft. S. of Hawthorn.
Nauset St., north side, 149 ft. W. of Myrtle (S).
Shawmut Ave., west side, 3,769 ft. S. of Plainville Rd. (W).
Shawmut Ave., west side, 3,590 ft. S. of Plainville Rd. (W).
Shawmut Ave., west side, 3,080 ft. S. of Plainville Rd. (W).
Sheffield St., south side, 579 ft. W. of Acushnet Ave.

LOCATION OF HYDRANTS REMOVED IN 1931

Belleville Ave., west side, 240 ft. S. of Mill Rd.

Number of hydrants set in 1931	7
Number removed	1
Number added	6
Number in use December 1, 1930	1884
Number in use December 1, 1931	1890

TABLE R

LOCATION OF WATERING CART HYDRANTS REMOVED IN 1931

So. Second St., west side, 17 ft. S. of Potomska.

Number of Water Cart Hydrants set in 1931	0
Number removed	1
Number deducted	1
Number in use December 1, 1930	37
Number in use December 1, 1931	36

TABLE S

STATEMENT OF WORK DONE BY SERVICE DEPARTMENT FOR THE YEAR ENDING DECEMBER 1, 1931

Kind and Size	No. of Services	Length on Taker	Length on City
Lead Pipe 1 inch light	4	71	90
Lead Pipe 1 inch heavy	1	47½	26
Lead Pipe ¾ inch light	11	335½	232
Lead Pipe ¾ inch heavy	1	3½	32
Lead Pipe ⅝ inch light	6	117½	152
Lead Pipe ⅝ inch heavy	6	60½	123
Cast Iron Pipe 6 inch	2	48	
Sand Cast Pipe 4 inch	1	11	
Sand Cast Pipe 2 inch	1	25	
Brass Pipe 2 inch	1		
Totals	34	719½	655

One 2 inch wrought iron service has been removed and replaced with 2 inch cast iron pipe.

One ½ inch heavy lead service has been removed and replaced with ⅝ heavy lead pipe.

Two connections to services previously laid have been made by takers.

One connection to service previously laid has been made by the city, using 90 ft. 6 inch sand cast pipe.

Two extensions to services previously laid have been made by city, using 32 ft. ⅝ inch heavy lead pipe and 50 ft. ⅝ inch light lead pipe.

One ¾ inch heavy lead, one ⅝ inch heavy lead, and one ⅝ inch light lead services have been removed.

Length of service pipe laid during the year 1,456½ ft.

Number of services laid in 1931	34
Number removed	3
Number to be added	31
Number in use December 1, 1930	19270
Number in use December 1, 1931	19301

TABLE T

MAINTENANCE OF METERS DURING THE YEAR 1931

	REPAIRED					CLEANED and TESTED				
Size	Frozen	Other Repairs	Total Number Repaired	Cost	Average Cost per Meter	Total Number Cleaned and Tested	Cost	Average Cost per Meter	Total Number Repaired and Cleaned and Tested	Total Cost
6 inch		5	5	$ 30.28	$ 6.05	1	$ 2.05	$ 2.05	6	$ 32.33
4 inch		3	3	109.24	36.41	3	32.90	10.96	6	142.14
3 inch		8	8	139.04	17.38	1	5.00	5.00	9	144.04
2 inch		17	17	198.61	11.68	1	3.50	3.50	18	202.11
1½ inch		3	3	11.80	3.93				3	11.80
1 inch		29	29	128.61	4.43	12	27.05	2.25	41	155.66
¾ inch	7	267	274	1092.58	3.98	21	40.75	1.94	295	1133.33
⅝x¾ inch		2	2	9.40	4.70				2	9.40
⅝ inch	33	1240	1273	4841.43	3.80	152	316.52	2.08	1425	5157.95
Totals	40	1574	1614	6560.99		191	427.77		1805	$6988.76

TABLE U

THE FOLLOWING IS A LIST OF THE DIFFERENT SIZES AND MAKES OF METERS IN COMMISSION.

Make	⅝″	¾″	¾″ x ⅝″	1″	1½″	2″	3″	4″	6″	8″	Totals
Badger	1										1
Crown	19	20		3	1		2	1			46
Empire	2695	748		37	6	91	34	29	3		3643
Empire Compound						1	4	4	2		11
Eureka									1		1
Gem								1	1		2
Hersey Compound							3	1	1		5
Hersey Detector								2	9	4	15
Hersey Disc	2861	1116		102		7					4086
Hersey Rotary	29	15		4	2			1			51
Hersey Torrent						12		3			15
Keystone	3										3
King	5617	1215	56	151	4	48					7091
Lambert	958	167		19		10	7	10	1		1172
Nash	182	35		8							225
Trident Compound							1	4	7		12
Trident Crest						1	6	4	3		14
Trident Disc	149	18		4		10					181
Union Rotary		73		2		1	1	1			78
Watch Dog	1										1
Worthington Disc	736	198		45							979
Totals	13251	3605	56	375	13	181	58	61	28	4	17632

SUMMARY OF STATISTICS.

FOR THE YEAR ENDING DEC. 1, 1931

IN FORM RECOMMENDED BY THE NEW ENGLAND WATER WORKS ASSOCIATION.

NEW BEDFORD WATER WORKS.

NEW BEDFORD,
BRISTOL COUNTY, MASS.

GENERAL STATISTICS.

Population by census of 1930—112,804.

Date of construction, 1866 to 1869, inclusive. Further supply, 1895 to 1899, inclusive.

By whom owned, City of New Bedford.

Source of supply.—Water was first introduced on Nov. 26, 1869. From that date until July 10, 1899, the supply was taken from a storing reservoir artificially formed by constructing a dam across the valley of the Acushnet River, seven miles north of the centre of the City. This supply was augmented by a connection made in 1886 with Little Quittacas Pond.

Since July 10, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the centre of the city.

In 1926, under Legislative Authority to take 11½ million gallons of water per day from Long, Assawompsett and Pocksha Ponds, a connection was made to bring water from Pocksha into Great Quittacas Pond, when needed.

Mode of supply.—Previous to July 10, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40′ + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, 5 6-10 miles long to a receiving reservoir (capacity 3 million gallons; grade 30′) located opposite the Purchase Street Pumping Station. Thence it was pumped into the Mt. Pleasant Distributing Reservoir (capacity 15 million gallons; grade 154′) located 1,879 feet distant, from whence it flowed by gravity into the city's distributing system.

Since July 10, 1899, the entire supply has been pumped from little Quittacas Pond (grade 52′ through a 48 inch steel force main 8¼ miles long) to a distributing reservoir (capacity 67 million gallons; grade 216′) located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the city's distributing system by gravitation through two 36-inch cast iron pipes averaging 4 1-17 miles in length.

It is also possible to pump directly to the city through a 48″ and 36″ main using either reservoir as a balance. This latter connection was completed in 1922.

The first named system is not now in use, but is held in reserve to meet any emergency which might occur.

PUMPING STATISTICS

1. Builders of Pumping Machinery.	
Purchase Street Station:	
a. McAlpine engine, built by Quintard Iron Works.	Cap. 5,000,000 gals. per 24 hrs.
b. High duty engine, built by Henry R. Worthington	Cap. 5,000,000 gals. per 24 hrs.
Little Quittacs Station:	
a. b. Leavitt engines in duplicate, built by Dickinson Mfg. Co.	Capacity of the two engines 20,000,000 gallons per 24 hrs.
c. DeLaval electrically operated centrifugal pump, directly connected with a General Electric squirrel cage type I. Form K. 3 phase, 60 cycle, 550 volt, 250 H. P., induction A. C. motor, operating at about 1800 revolutions per minute, built by DeLaval Steam Turbine Co. Current purchased of New Bedford Gas and Edison Light Co.	Capacity about 6,000,000 gals., delivered into High Hill Reservoir in 24 hours.

LITTLE QUITTACAS STATION—Engine A and B.

2. Description of fuel used.
   a. Kind—bituminous.
   b. Brand of coal—New River.
   c. Price of coal per net ton—delivered Little Quittacas Station $6.42.
   d. Percentage of ash—7%.
   e. Wood, price per cord—none used.
3. Coal consumed for the year—4,438,715 lbs.
4. (Pounds of wood consumed) ÷ 3—equivalent amount of coal —none used.
5. Total equivalent coal consumed for the year=(3)+(4) 4,438,715.
6. Total pumpage for the year — 3,569,822,080 gallons with allowance for slip.
7. Average static head against which pump works—167.93.
8. Average dynamic head against which pump works—187.38 feet.

9a. Number of gallons pumped per pound of equivalent coal (5) 804.

9b. Number of gallons raised 100 feet per pound of equivalent coal (5) 1506.

10 a. $\text{Duty}=\frac{\text{gals. pumped (6) x 8.34 lb. x 100 x dynamic head (8)}}{\text{Total fuel consumed (5)}}=125,683,595.$

10b. Cost per million gallons raised into High Hill Reservoir (engine A and B) $14.04.

LITTLE QUITTACAS STATION—Engine C.

11. Total pumping time for the year 134 hrs., 55 min.
12. Total current used for the year 31,100 K. W. H.
13. Total pumpage for the year, 32,444,400 gallons.
14. Number of gallons pumped per K. W. H. 1,043.
15. Number of K W. H. required to raise one million gallons into High Hill Reservoir 985.

    Cost per K. W. H. varies in accordance with amount consumed.
16. Average cost per K. W. H. .025.
17. Cost per million gallons raised into High Hill Reservoir, (Engine C. only) $24.22.

Total cost of pumping, figured on pumping station expenses, viz: $50,911.67.

18. Per million gallons pumped $14.13.
19. Per million gallons raised one foot (dynamic)—7 cents.

Cost of pumping figured on total maintenance and interest on bonds, (see financial CC+DD) less credits, viz: $260,319.91.

20. Per million gallons pumped $72.27.
21. Per million gallons raised one foot (dynamic)—39 cents.

Cost of pumping figured on total maintenance, interest on bonds and bond payments (see financial CC+DD+EE) less credits, viz: $330,319.91.

22. Per million gallons pumped, $91.70.
23. Per million gallons raised one foot (dynamic) 50 cents.

FINANCIAL STATISTICS.

RECEIPTS

Balance brought forward,		
(a) From ordinary receipts, maintenance) deficit		$10,537.16
(b) From extra ordinary receipts(bonds, etc.) additional supply		29,240.70
Total		18,703.54
From Water Rates		
A. Fixture rates, none.		
B. Meter rates	$331,236.17	
Rental demands, shut off charges,	24,991.48	
C. Total from consumers		356,227.65
D. For hydrants,		
E. For Fountains,		
F. For street watering,		
G. For public buildings, See J.		
H. For miscellaneous uses,		
I. General appropriations,		
J. Total from municipal departments,		
Water	9,041.67	
Misc.	863.41	
Included in B.	9,905.08	
K. From tax levy,		
L. From bond issue,		3,625.00
M. From other sources,		12,699.64
N. Total		391,255.83

EXPENDITURES

Water works maintenance:		
AA. Operation (management and repairs)	$208,079.55	
BB. Special,		
CC. Total maintenance,		$208,079.55
DD. Interest on bonds,		58,893.75
CC + DD	266,973.30	70,000.00
EE. Payments of bonds,		
CC + DD + EE	336,973.30	
FF. Sinking Funds,		
Water works construction		
GG. Extension of mains,	17,671.87	
HH. Extension of services,	3,654.48	
II. Extension of meters,	981.14	
JJ. Special,	26,486.69	
From receipts,		
Bond issue,	340.00	
KK. Total Construction		49,134.18
LL. Unclassified expenses:		
Total		386,107.48
MM. Balance:		
(aa) Ordinary deficit,	—27,377.35	
(bb) Extra-ordinary	32,525.70	
Total balance,		5,148.35
N. Total		391,255.83

Disposition of balance ....

O. Net cost of works to date $6,495,139.53

P. Bonded debt to date 1,260,000.00

Q. Value of sinking fund to date 0.00

R. Net debt to date 1,260,000.00

S. Average rate of interest ....$4\frac{42}{100}$ + per cent

STATISTICS OF CONSUMPTION OF WATER

1.	Estimated total population at date (New Bedford)	111,539
	Acushnet 3,550, Dartmouth 6,800	*121,889
2.	Estimated population on lines of pipe	*121,089
3.	Estimated population supplied	*121,089

Year July 1, 1930 through June 30, 1931

4.	Total consumption for the year	3,607,580,545
5.	Passed through meters	2,988,237,750
6.	Percentage of consumption metered	82.8
7.	Average daily consumption	9,883,782
8.	Gallons per day to each inhabitant	81
9.	Gallons per day to each consumer	82
10.	Gallons per day to each tap	464
11.	Average rate received per million gallons metered	$112.73
12.	Average rate received per million gallons pumped	$93.11

Year December 1, 1930 through December 1, 1931

13.	Cost of supplying water, per million gallons figured on total maintenance (item CC) less credits	$55.92
14.	Cost of supplying water, per million gallons figured on total maintenance plus interest on bonds	$74.11
15.	Total cost of supplying water per million gallons, figured on total maintenance, plus interest on bonds and bond payments	$93.54

*Includes population supplied in the towns of Dartmouth and Acushnet.

STATISTICS RELATING TO DISTRIBUTING SYSTEM

MAINS

1. Kind of pipe cast iron and steel.
2. Sizes, from 4 inch to 48 inch.
3. Extended 5,608 feet during the year.
4. Discontinued 873 feet during year.
5. Total now in use, 208 59583/100000 miles.
6. Cost of ordinary maintenance per mile including flushing and inspecting gates and hydrants $31.28.
7. Number of leaks per mile, .071.
8. Length of pipes less than 4 inches diam., 1 496022/1000000 miles.
9. Number of hydrants added during year, (public 6 and private 0.)
10. Number of hydrants public (1,890) and private (470) now in use 2,360.
11. Number of stop gates added during year, 7.
12. Number of stop gates now in use, 2,906.
13. Number of stop gates smaller than 4 inch, 84.
14. Number of blow offs, 202.
15. Range of pressure on mains, 16 lbs. to 91 lbs.

SERVICES

16. Kind of pipe; lead and cast iron.
17. Sizes, ½ inch to 10 inch.
18. Extended 1,474½ feet.
19. Discontinued 76 feet.
20. Total now in use, 142.917 miles.
21. Number of service taps added during year:

New Bedford	31
Dartmouth	31
Acushnet	19
Total added	81

22. Number now in use:

New Bedford	19,301
Dartmouth	1,360
Acushnet	627
Total now in use	21,288

23. Average length of service 39.1 feet.
24. Average cost of service for the year:
    (a) Gross $85.35
    (b) Net 0.00
25. Number of meters removed, 104 See Table U.
26 Number now in use, New Bedford only, 17,632.
27. Percentage of services metered, 91 3/10.
28. Percentage of receipts from metered water (B ÷ C) = 100.

ANNUAL REPORT

New Bedford Water Board for the year ending November 30, 1931.

In Board of Aldermen,

January 14, 1932.

Received, placed on file and sent down for concurrence.

RODOLPHUS A. SWAN,

City Clerk.

In Common Council,

January 14, 1932.

Concurred.

RUTH G. HILTON,

Clerk.

Attest:

RODOLPHUS A. SWAN,

City Clerk.

CITY ORDINANCES

AND AMENDMENTS

PASSED BY THE CITY COUNCIL

OF THE

CITY OF NEW BEDFORD

From June 1, 1931 to June 1, 1932

CITY ORDINANCE

Regulating Traffic

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Thirty-One

AN ORDINANCE

Amending an Ordinance Regulating Traffic upon the Public Streets of the City of New Bedford.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An Ordinance Regulating Traffic upon the Public Streets of the City of New Bedford, approved by the Mayor on December 27, 1929, and by the Department of Public Works on January 14, 1930, as amended, is hereby further amended as indicated in this ordinance.

SECTION 2. Section 23 (c) of Article VI is hereby amended by adding at the end thereof a new paragraph to be numbered 42 which shall read: South Water Street, west side, from Division Street southerly 89 feet.

SECTION 3. Section 24 (c) of Article VI is hereby amended by adding at the end thereof a new paragraph to be numbered 4 which shall read: High Street, north side, from Purchase Street to Pleasant Street.

SECTION 4. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
June 25, 1931.
Passed to be ordained.
CHARLES S. ASHLEY, Mayor.

Sent to Common Council.
RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
June 25, 1931.
Passed to be ordained.
BERNARD C. McCABE, President.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval June 26, 1931.
RODOLPHUS A. SWAN, City Clerk.

Approved June 26, 1931.
CHARLES S. ASHLEY, Mayor.

Attest:
RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Traffic Regulations

No Parking on County and Union Streets

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Thirty-One

AN ORDINANCE

Amending an Ordinance Regulating Traffic upon the Public Streets of the City of New Bedford.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 23 (c) of Article VI of an Ordinance Regulating Traffic upon the Public Streets of the City of New Bedford, approved by the Mayor on December 27, 1929 and by the Department of Public Works on January 14, 1930, as amended, is hereby further amended by inserting the following paragraphs, viz.:

(43) County street, east side, from Spring street northerly to a point 30 feet north of Union street.

(44) County street, west side, from Union street northerly 87 feet.

(45) Union street, south side, from County street westerly 96 feet.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
September 10, 1931.
Passed to be ordained.
CHARLES S. ASHLEY, Mayor.

Sent to Common Council.
RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
September 10, 1931.
Passed to be ordained.
BERNARD C. McCABE, President.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval September 11, 1931.
RODOLPHUS A. SWAN, City Clerk.

Approved September 11, 1931.
CHARLES S. ASHLEY, Mayor.

Attest:
RODOLPHUS A. SWAN, City Clerk.

The Commonwealth of Massachusetts

DEPARTMENT OF PUBLIC WORKS

State House, Boston

City or Town: NEW BEDFORD

Date, Oct. 13, 1931. Permit No. 178.

TRAFFIC REGULATION PERMIT

Under authority of Chapter 357, Acts of 1928, as amended, the Department of Public Works hereby approves the ordinance, by-law rule or regulation made by the City Council of New Bedford on September 10, 1931, with such exceptions, if any, as are noted herein.

Approval of any signs, signals, markings or devices is necessary in addition to approval of regulation.

DEPARTMENT OF PUBLIC WORKS,

by F. E. LYMAN, Commissioner,

RICHARD K. HALE,
H. A. MacDONALD,
Associate Commissioners.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Traffic Regulations

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Thirty-One

AN ORDINANCE

Amending the Traffic Ordinance of the City of New Bedford.
Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An Ordinance Regulating Traffic upon the Public Streets of the City of New Bedford, approved by the Mayor on December 27, 1929, and by the Department of Public Works on January 14, 1930, as amended, is hereby further amended as indicated in the following sections.

SECTION 2. Section 23 (c) of Article VI is hereby amended by adding a new paragraph to be numbered 46 which shall read as follows:

(46) Orchard street, west side, from Arnold place to Union street.

SECTION 3. Section 23 (c) of Article VI is further amended by striking out the last paragraph thereof, viz.: "Signs shall be erected and maintained in each block designating the provisions of this section."

SECTION 4. Section 24 (b) of Article VI is amended by adding two new paragraphs to be numbered 36 and 37, viz.:

(36) Second street, east side, from Spring street to Union street.

(37) William street, south side, from Water street to Second street.

SECTION 5. Sections 24 (b) and 24 (c) of Article VI are further amended by striking out the last paragraph thereof, viz.: "Signs shall be erected and maintained in each block designating the provisions of this section."

SECTION 6. Section 25 of Article VI is hereby amended by adding at the end thereof a paragraph which shall read:

Sections 23, 24 and paragraph 4 of Section 25 shall be effective only during such time as official signs are erected and maintained in each block designating the provisions of this section and located so as to be easily visible at all times to approaching drivers. Sufficient number of such signs must be provided so that a car cannot be parked in a limited or prohibited parking place without having the legend side of such a sign, clearly setting forth the parking regulations thereat, visible from that location.

SECTION 7. Section 35 of Article VII is hereby amended by striking out the last paragraph and inserting in place thereof the following paragraph:

This section shall be effective only during such time as a sufficient number of official signs are erected and maintained at each of the exits for each one-way street so that at least one sign will be clearly visible, for a distance of at least 100 feet, to automobile drivers approaching such an exit.

SECTION 8. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
October 22, 1931.
Passed to be ordained.
CHARLES S. ASHLEY, Mayor.

Sent to Common Council.
RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
October 22, 1931.
Passed to be ordained.
BERNARD C. McCABE, President.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval October 23, 1931.
RODOLPHUS A. SWAN, City Clerk.

Approved October 23, 1931.
CHARLES S. ASHLEY, Mayor.
Attest:
RODOLPHUS A. SWAN, City Clerk.

The Commonwealth of Massachusetts
DEPARTMENT OF PUBLIC WORKS
State House, Boston

City or Town: NEW BEDFORD.
Date: Nov. 3, 1931. Permit No. 183.

TRAFFIC REGULATION PERMIT

Under authority of Chapter 357, Acts of 1928, as amended, the Department of Public Works hereby approves the ordinance, by-law rule or regulation made by the City Council of New Bedford on October 22, 1931, with such exceptions, if any, as are noted herein.

Approval of any signs, signals, markings or devices is necessary in addition to approval of regulation.

DEPARTMENT OF PUBLIC WORKS,
by F. E. LYMAN, Commissioner,
RICHARD K. HALE,
H. A. MacDONALD,
Associate Commissioners.
Attest:
RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Traffic Regulations

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Thirty-One

AN ORDINANCE

Amending an Ordinance Regulating Traffic upon the Public Streets of the City of New Bedford.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An ordinance regulating traffic upon the public streets of the City of New Bedford, approved by the Mayor on December 27, 1929, and by the Department of Public Works on January 14, 1930, as amended, is hereby further amended as follows:

SECTION 2. Section 23 (c) of Article VI is hereby amended by striking out paragraphs numbered 23 and 25 and inserting in place thereof new paragraphs, viz.:

(23) Purchase Street, west side, from William Street northerly 85 feet.

(25) Purchase Street, west side, from Middle Street northerly 86 feet.

SECTION 3. This ordinance shall take effect upon its passage and approval.

IN BOARD OF ALDERMEN,
November 27, 1931.
Passed to be ordained.
CHARLES S. ASHLEY, Mayor.

Sent to Common Council.
RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
November 27, 1931.
Passed to be ordained.
BERNARD C. McCABE, President.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval November 28, 1931.
RODOLPHUS A. SWAN, City Clerk.

Approved November 28, 1931.
CHARLES S. ASHLEY, Mayor.

Attest:
RODOLPHUS A. SWAN, City Clerk.

The Commonwealth of Massachusetts
DEPARTMENT OF PUBLIC WORKS
State House, Boston

City or Town: NEW BEDFORD.

Date: December 15, 1931. Permit No. 188.

TRAFFIC REGULATION PERMIT

Under authority of Chapter 357, Acts of 1928, as amended, the Department of Public Works hereby approves the ordinance, by-law rule or regulation made by the City Council of New Bedford on November 27, 1931, with such exceptions, if any, as are noted herein.

Approval of any signs, signals, markings or devices is necessary in addition to approval of regulation.

DEPARTMENT OF PUBLIC WORKS,
by F. E. LYMAN, Commissioner,
RICHARD K. HALE,
H. A. MacDONALD,
Associate Commissioners.

Attest:
RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Regulating Traffic

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Thirty-One

AN ORDINANCE

Amending Ordinance Regulating Traffic.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 23 (c) of an ordinance regulating traffic upon the public streets of the City of New Bedford, approved by the Mayor on December 27, 1929, and by the Department of Public Works on January 14, 1930, as amended, is hereby further amended by adding two new paragraphs, viz.:

(47) Second street, west side, from a point 165 feet north of William street northerly 28 feet.

(48) Pleasant street, west side, from a point 38 feet south of Willis street southerly 60 feet.

SECTION 2. This ordinance shall take effect upon its passage and approval.

IN BOARD OF ALDERMEN,
December 30, 1931.
Passed to be ordained.
CHARLES S. ASHLEY, Mayor.

Sent to Common Council.
RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
December 30, 1931.
Passed to be ordained.
BERNARD C. McCABE, President.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval December 31, 1931.
RODOLPHUS A. SWAN, City Clerk.

Approved December 31, 1931.
CHARLES S. ASHLEY, Mayor.

Attest:
RODOLPHUS A. SWAN, City Clerk.

The Commonwealth of Massachusetts

DEPARTMENT OF PUBLIC WORKS

State House, Boston

City or Town: NEW BEDFORD.

Date: January 12, 1932. Permit No. 199.

TRAFFIC REGULATION PERMIT

Under authority of Chapter 357, Acts of 1928, as amended, the Department of Public Works hereby approves the ordinance, by-law rule or regulation made by the City Council of New Bedford on December 30, 1931, with such exceptions, if any, as are noted herein.

Approval of any signs, signals, markings or devices is necessary in addition to approval of regulation.

DEPARTMENT OF PUBLIC WORKS,

by F. E. LYMAN, Commissioner,

RICHARD K. HALE,
H. A. MacDONALD,
Associate Commissioners.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Zoning Change No. 35

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Thirty-Two

AN ORDINANCE

Changing the classification on the zoning map of property north of Elm Street and south of Kempton Street, east of County Street and west of Foster and Sixth Streets.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. An ordinance zoning the City of New Bedford and establishing height, area and use districts, approved December 24, 1925 and in effect January 16, 1926, as amended, is hereby further amended by changing the classification on the building zone map of property north of Elm Street and south of Kempton Street between zones now classified as Business lying east of County Street and west of Foster and Sixth Streets from Residence C to Business as indicated on the plan thereof attached hereto and made a part hereof.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN,
April 14, 1932.
Passed to be ordained.
Yeas 6, Nays 0.
ERNEST LAVERTU, Acting Mayor.

Sent to Common Council.
RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
April 14, 1932.
Passed to be ordained.
Yeas 18, Nays 0.
JOHN L. ALMOND, President.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval April 15, 1932.
RODOLPHUS A. SWAN, City Clerk.

Approved April 15, 1932.
ERNEST E. LAVERTU, Acting Mayor.

Attest:
RODOLPHUS A. SWAN, City Clerk.

CITY ORDINANCE

Regulating Traffic

CITY OF NEW BEDFORD

In the Year One Thousand Nine Hundred and Thirty-Two

AN ORDINANCE

Amending Ordinance Regulating Traffic.

Be it ordained by the City Council of the City of New Bedford as follows:

SECTION 1. Section 35 of an ordinance regulating traffic upon the public streets of the City of New Bedford, approved by the Mayor on December 27, 1929 and by the Department of Public Works on January 14, 1930, as amended, is hereby further amended by striking out of said Section 35 the paragraph numbered 11 and by inserting, in place thereof, the following new paragraph:

Water Street, from Cove Street to Howland Street; and from School Street to Middle Street, northerly.

SECTION 2. This ordinance shall take effect upon its passage and approval.

IN BOARD OF ALDERMEN,
April 14, 1932.
Passed to be ordained.
ERNEST LAVERTU, Acting Mayor.
Sent to Common Council.
RODOLPHUS A. SWAN, City Clerk.

IN COMMON COUNCIL,
April 14, 1932.
Passed to be ordained.
JOHN L. ALMOND, President.
RUTH G. HILTON, Clerk.

Presented to the Mayor for approval April 15, 1932.
RODOLPHUS A. SWAN, City Clerk.

Approved April 15, 1932.
ERNEST E. LAVERTU, Acting Mayor.

Attest:
RODOLPHUS A. SWAN, City Clerk.

The Commonwealth of Massachusetts
DEPARTMENT OF PUBLIC WORKS
CITY OF NEW BEDFORD

Date: April 26, 1932.

Permit No. 215

TRAFFIC REGULATION PERMIT

Under authority of Chapter 357, Acts of 1928, as amended, the Department of Public Works hereby approves the ordinance, by-law rule or regulation made by the City Council of New Bedford on April 14, 1932, with such exceptions, if any, as are noted herein.

In addition to the foregoing approval is also necessary as to location, size, shape, color and text of any signs, signals, markings or devices used in connection with ordinance, by-law, rule or regulation approved herewith.

DEPARTMENT OF PUBLIC WORKS,
by F. E. LYMAN, Commissioner,
RICHARD K. HALE,
H. A. MacDONALD,
Associate Commissioners.

Attest:

RODOLPHUS A. SWAN, City Clerk.

CITY OF NEW BEDFORD

In Board of Aldermen,

March 24, 1932.

Ordered, that Chapter 94 of the Acts of the General Court in the year 1932 entitled "An Act providing for advance payments on account of taxes for the current year in certain cities and towns" be and the same hereby is accepted.

Adopted in concurrence March 24, 1932.

Approved by the Mayor March 25, 1932.